```
acaacacaaa tgatggctac aagaaggagt attagcaccg catctnggga ctacaatgaa      180
gctctcaacc tactatctac actctattcg aatcgtcaga ttaccaattt attcgacaag      240
cccacatcgc aaaatgcctc actcgaacaa gccaaagacc tgaatgcgct ggcgcttcct      300
gagatgcgcg aatggcttcg gcgcgctggc tatnaaccaa aggatctcgc tcgcctgagg      360
cacattcata tagcangcac aaagggcaaa ggttctgtga gtgcatttgc aacgggtatg      420
ctgcgacaat acnaaactgn cggcacatac acgagtccac atnttgtgag tccccgcgag      480
cgtatcncta ttcagggcga gcaggtctnt caagcccttt tcgnggaggc cttntttgaa      540
ctttgggaac gactgtccac cccgccaaaa a                                     571
```

<210> 987
<211> 747
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

<400> 987
```
ccctttcttc ttcctcttac atcaacattt cgacatctgc tttggagcga caaacccgat       60
tcgtttttaa tcacggcttg aagatacaaa gcatttcaac ttttgcattt gctctttgca      120
tttacatcaa gcaaacaatc attccgttca tactcgaacc actacacaac aacgcgaccg      180
atacaatggc gactccccag tccatcacct cttacgaggc tgccgacagc gacaagaagc      240
tcgagcagat tactttccga ttctgctccg aatgctccaa catgttgtac cccaaggagg      300
atcaggatgc tcacaagctc cagtttacct gccgaacctg ccagtacacc gaggacgcca      360
agtctacctg cgtcttccgc aacaacctca cacctcggc tggtgagacc gccggtgtca      420
cccaggatgt tggctccgat ccgacgctcc cgcgatctac aaactgttct ctgccactgg      480
ttgtggtgga catcgattta gctgtacttc ttgcagtctc agcagcgatt gcgctgatac      540
tggcttgcct ctgttgtaca agatctgtct gcgcatcgcg gtcatgtgcc attttcacct      600
tgccatgggg aagarctttt actgcgctac cgaggcaccg acacgtcgct gtgacgaaga      660
ctgttcgcat tatcatttgt atttggcaag gcgtttacaa aanggtatga caaggtttct      720
gtcatgggcg ctgggacttt ttanaaaa                                        747
```

<210> 988
<211> 402
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 988
```
tntgtcanca aggaccagac attccccgac tnanacaaga ctgtnctccg tggaacagag       60
tactatgcat gcggtcctag atgtcacgag ttcctcaagg aaatcggtaa catccttctg      120
gaatacgatg cctttagtgt cggtgagatg ccttgtgtgc atgacgagcg ggagttgatt      180
aaggctgtgc acggtgaccg aggagaactc agcatgatct tccattttga gctgatggat      240
ctngatcacg gcgtcgaagg caagttcacg cccagatcct gnaagctctn tgagctgaaa      300
ggtacaacgc tttaagtggc agaagttcat gtacgacanc nacngctgg aacgcgctt      360
acctcnagaa ccacgancag ccgcgggctn ncaagccgct tt                        402
```

<210> 989
<211> 647
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

- 401 -
```

<222> (1)...(647)
<223> n = A,T,C or G

<400> 989
cagacactca agattccttt ctttctttct ttcctcctca cccacacact cactttcgtt     60
actactatac cttgactttt agtcaatttc attctttaaa gtacatcatc aaccactaaa    120
ctttcgagtt accaataatc taatacccaa cccccaaaac ccaaccatca aaatgaagtt    180
cgctactgct ctcgctttcg ctgccggcgt tgctgcccac gccaagaacg ttacctacac    240
cactgaggtc gttactgctt acaccaccta ctgccccggt cccactgaga tcgtccacgg    300
cgacaagacc tacaccatca ctgaggccac caccctgacc atcactgact gcccttgcac    360
cgtcaccaag cccgtnatca tgacctccgc cgttgtctgc cacgactgcc ccactggtga    420
agaaaagcct aagcaaggcc ccagcccagc ccgggcaccc ttgggccacc cccggcgcaa    480
gggtcacaaa cttttaccat gggtcccccg gtcntacccc ttactggggg aagcccaagc    540
aaacggtggt gacancccgc cgggccccgg tgctnctcct ancgctggtg ttcccgaaga    600
agtcccactg cccggtgccg gcaangtcgc cgctctctcc ggtgccg                  647


<210> 990
<211> 737
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

<400> 990
cgcaaagagc ctcctgtcac ttttgcccct aacaaaacct ccaatcgata tcctacctcg     60
aaaccaccaa aacacccaat cgacccaaac aaaccgacaa gatggatttc ggaaacctcg    120
gaggaacttt cggaaatgtt ggaaagcagc tttccaactt cggagcctct gttacccct    180
ttgcgtcgcg cactttccaa tacaccaagg agcagttcgg ccagactgag gacaagaccc    240
agctccctcc cgactatatc gacctcgaga agcgtgtcga tgcccttaag caagcccacc    300
aaaagatgct tgctgtgacc tcgcaatact ccaacgaggc ctacgactac ccccctaaca    360
tcaaggagac attccaggac ctcggccgca ccgtcagcga aaaagtcagc cttctttctt    420
cagccacctc tcctgccgaa gcccaggctg cccttgttgc tcctcccgct gccaagcctc    480
agcccaagac tttcaaccat gctgtcgccc gcgccagtct ggccagcagc cagctcctcc    540
accagcacca caccggtgcc ggtgaagacc ctcttgcgaa ggccctggaa aantatgccc    600
ttgccaacca gcgtgttggt gaggcccgac ttgcccaaga tgcccaaatc caaaaccggt    660
ttctngntgg gtggaacact actnttaaca ccacctgntt ttgcacccgt gcccgcaaaa    720
acgttgaaaa ctcccgt                                                  737


<210> 991
<211> 867
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(867)
<223> n = A,T,C or G

<400> 991
cccatcacaa aacgaggacg tcagagaata ggccagcaaa cagacgtatc tgggaccaga     60
aaaacaatcg ccaaaatgtc gaacccccgc gttgaagaac ttcccgacga ggagcccaag    120
aagaccaccg tccaggagca cgaggatgac tctagcgacg actctgaggt tgaggaggtt    130
gggagggcc agctcccgc tggttctacc gtgatccaca accgaacga ggagaaggct    240
cgcaaggccc tcgagaagct gcacctcacc cgcatcctg gcatcacccg tgttactctc    300
cgccgcccca agaacatcct nttcgtcatc aacacccccg aggtttacaa gtcacccaac    360
agcaacacct acattgtctt cggtgaggcc aagattgagg acgttaacgc cgctgctcaa    420
caagctgctg ctgctcagct cgcctcccaa aacgctgagg accactctgg tcacaaccac    480

```
ggcgagccca gcaaggctgt tgaggctgac gagaaaaagg aggacaagga agatgatgag    540
gaggaggagg atgaggagga ggaggaaggt cgatgcctct ggactcgagg ataagggcat    600
cgagcttgtc atgacccaag gccaatgtca gccgaaacaa ggctgttaag gcattgaagg    660
agaacgacaa cgacattgtc aattccatca tggctctaag tatctaggca taagtttttg    720
accggacgat cttcgacaaa agcatgtgca tgggacgaac actgggctct gtattagttc    780
tgggcgaact gtactctgcg gaatggagtt gatgtcaaac aacggaaaaa aatcaaaggg    840
aaagcaccca catccgtcaa aaaaaaa                                        867
```

<210> 992
<211> 681
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

<400> 992
```
aaacaacttc gtctcttaga gattgagcac aaagctcctc tttttttcgca tttcctcgag     60
accatcaacg gtctcgccac tattcgtgct ttcggctgga cgcaaccgta cactgacagg    120
gtcctaactc gcattgacga tgctcagaag ccatcttact tgctcaactg tattcagcga    180
tggcttactc tagttctgga tatggttgtc gcgtttttga caattatcct tgttatattt    240
gctgtcacgc ttcgcgaaaa gattaaccct tcgnttctag gcattgcact ggtcaacatg    300
atgaggcttg gtaccaacat gaagggcatt gttctaaact ggtcaatcct tgagacttcg    360
ttaggtgcta ttgcgcgtat tcgcatgttt tgctcttctg cncccagcga ggagaaacca    420
ggggagagca acgatccaga atacatttgg ccgaganaag ggagtctgga agtcaagaac    480
cgtagatgtn aatatgaaca cacaactgac ctgtnctacg cggtctttna ttcacctcaa    540
gcctggtgan aaacttggna tatgtngcca agcngtngtg gaaanacctt tttgttcaat    600
ccttnctccc natggntgaa gccgtcntgg cntatanttt tgncggagag atattttgt     660
ttnctaaaaa ttttnttcca c                                              681
```

<210> 993
<211> 599
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 993
```
gtggacaagt ttgccgaggg attacaacca catcagctgg cgaagacttc agatgggtca     60
acggtactcg ccaaagccgt tgttgagcat aaccttcttg gtgcatcacg actttacagc    120
aacatcagat tcgaagcctt ggggtcactg gttgggactg gatgcagata aggcggagga    180
gactacagca cgtatgatcg aacaaggtcg attggtaggt cgaatggacc agctcgacgg    240
tattgtgtac tttgagggag gcgaggcgtc tggaaaaaaa ggtagtggac caacccgaag    300
ttcccgttgg caaagaaatg cgaacattgg gactccaatg tccaaagtct ggcagaaga    360
aatagaaagc gtcaccaacg cgcctgcaaa aggaatttct gaatttgttg ctgcaaacct    420
tgttctatga agaaaagata cangcataga aacttttgct tgtctggcgt tttaagggtt    480
gggatgaatg aatgctattt atgtctaatg cacaagcaca tagctccctt tggttttaaa    540
ctggcattta tgacacaggc caaatcccaa atctaaaatg tttctaccga aaaaaaaaa     599
```

<210> 994
<211> 452
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 994
gcgcacccgc ggctcctagt gcgccctttc ccagcgcgcc cgccggccct nctnctggtc   60
aacaatatta tcccccctat ccacaacatg cctggcaacc accaccttct nctccgcgca   120
gggactggag ggattggttc atcatggcta cggtagttgg aggagtgtnt tatggtctct   180
acgagctagg caagcgttac ntatacccca atgtggcacc cccgacaccg ganaagctgg   240
agcaggacaa gaaatcgatc gaggatcagt tcgaccganc ttttacactg gttgagcagc   300
tcgctaagga tacggagagc ttgaanaatg ccgagaagga nagaaccgan aagctagaca   360
cggcgatcgc ggacctcgag acagttatta ctgacctcaa ggctgccaac cgaagacgcg   420
aggacgatgc caatcgaatc agggacgaag tt   452

<210> 995
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 995
gttccatcta ccatgaaggc cgttcagatc aacaagaacg gcggtgttga ggttcttgag   60
cataataatg tccctgttcc caaggctggc gagggtcaga ttcttgtgcg caaccaggtc   120
gctggtctta actacataga tacctacttc cgttctggtc tttacaangc acctcaattc   180
cctcttacgc tcggtcgtga agctgcggga actatcgttg atgtccactc ctctgtcaag   240
ggcttcgana acngtactcg ggtggtcttt atgggcacag tcggtgccta tgctcagtac   300
agcgttgtca acgcttctga tgccgtcaag atccccgatg atgttcctac tgagcaagct   360
gtaccgctta cctgcaaggt ctcacacatg gacatttatc ccaaaagccg gacaggtcca   420
ggaaagccaa tgggttctat tcacccgcat ctggtggttt ngtaccttgt tngttcacct   480
ctacnaactg tcngtgccca natcattgta ctgctaccnc gataaaaact naactcncca   540
aaaaaacgtg cngggtgggt ttcactc   567

<210> 996
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 996
gggacaggca agatgaatgc gccaaantnt tagaaccctt gngggctttc tcatccaaat   60
tttcatggat cgccgtcaa anacaggcat cactggctaa cccaggaaaa ccttgtgcca   120
aacaagccag aaccccanca aggacaaaca agagcccgg tttcctcgat ccatccaggc   180
cctggcacct gaaagcctct aaaagcgaag aggccgaaac acggcatccc ctcatcgac   240
cttcagcttc gatccttcag cgttcaaccc ctcgaattct tctccgattt tgctctaana   300
ccgcttacta cttgggcctc cccgcctacg gtcccgtccc tctcccacgc atcaccgagc   360
gctggantgt cccacganan aacttcatct tcaagaagtc gcagganaac ttcgagcgaa   420
ajanactacg tagactcatc cagatccgcg atggaaaccc cganacagtg cagttgtggc   480
tcgcatanct ccgcaagcac caattctacg gggtngggaa tgaanggcaa catttnggaa   540
tttancaact nggcgaaggc acaagatgga tgctcttcc   579

<210> 997
<211> 654

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 997
atcgtctgaa ggcatggtga ttgatctgag gaagatgcgg aaagtcgaag ttgaagaaga   60
agccatgact gtcgagttcg gaggtggatg tctctgggaa gacgtcgatt ctgcccttga   120
acggcatggc ttggctactg tgggaggcgt cgtcaatcac acaggggtcg gaggactaac   180
actaggaggt ggacatggct atctcacagc tcgtcatggt ttaactatag acaatttgtt   240
ggaagctgaa gtggttctcg ccgacggcgc gatagtcgaa gcatctgagg acaaagatgc   300
aaatttgttc tgggccattc gtggtgcagg agcacaattt ggagtcgtca ctcgtttttct   360
ttctcgagcc catcagcaag tcaaagtatg gagcggtacg ctggtctact catctgacaa   420
gctgccttat ctattacgct ttgcaaacga gttacataan gagacccaac acagaaagnc   480
attgtcttgc tttangaata gcttttgggc ccaatggtca acaccgtcg tattcaacta   540
tncctctgtt tcatggccan aatnccatgc caaaccgtta cttttctag gtcttaattg   600
agttggattc ttntggccga taatacttgn gatgatgacc acngccgaaa acat   654

<210> 998
<211> 516
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 998
ttacactccn gtcgacagca acatcagaca aaatggcccc cgccgcaaag aagcagaana   60
agaagtggtc caagggcaag gtcaaggaca aggtccatca cgccgtcgtc ctcgacaaga   120
ccaccttcga gaaagctcta caaggatgtt cagtcttacc gtctggtcac tatcgccacc   180
ctcgtcgacc gaatgaagat caacggttct ctggcccgac agtgccttgc cgacctcgag   240
gagaagggca tcatcaagcc tgtggttaca cacagcaaga tgaagatcta cacccgtgcc   300
gttggtggta ccgactaaat gcaattcaac gaaaaatttg agtctcacga ttgtgcgtct   360
gggtggcctg acgatagac aggccacatg gtcggaggt gttgcaaggc gaaaaagaag   420
cctggtttag gacgctattc atgctcggtt aagcattggg acggaatcgc tttagcacaa   480
acggcaacgg aatgaaaaat cttcgaaacg accaan   516

<210> 999
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 999
cgcaacccttt cgagctttcg gccttcaacc cccccaacaa cgacaccatg tctcacgaaa   60
gcgtctggaa ctcccgcccc cgaaactacg gcaagggctc tcgcagctgc cgtgtctgca   120
agcacaaggc cggtcttatc caaaagtaca acctcaacct gtgccgtcag tgcttcggtg   180
agaaggccaa ggacatcggt ttcaacaagt accgataaac gatccatcat catgacaccc   240
ggttttctcg tttaagggat ggggggaaat gctggagagc agagtattga gtggaagggg   300
agaactctca gcagaaagtc aaaggcctcg cgttaaaaaa gcactcggag ggcggcccgt   360
tctgnaacag gcagtctaga gggcctgctt gggtccctca agaagatcgt gcgtctgacn   420

aacatcctcc gaggatagac gaataccatt gtttggcctc g   461

<210> 1000
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 1000
atttnnggtc gtcaatcata gcaggcgcca gcagtacaat agttaccaac ccaatatggg   60
ttatcaagac acggctcatg tcacagagca acattcgaca caacacccag gaccaccatt   120
cngcatacta tccgaaagcg actagcacac caacaacgcc accaacacta cacgactggc   180
actacaaatc cacactagat gcagctggca agatgtacac ctcggaaggt ctcatttctt   240
tctattccgg actaacgcct gctcttctcg ggttgacgca cgttgctgta caatttccaa   300
catacgagta cctcaaaacc aggttcactg gtcaagggat gggcgaatcc aacgagggag   360
acaataaatc ccatgttttc gggatcctgg gggcctcgat tctatccaaa atcctcgcca   420
gtaccgcgac gtaccctcac gaagttattc gcaccgtttt acagacccaa cggcgtncgc   480
ttgctggcga ggagttcgct canggtatgg gagtgacngg ttcaagcccc ccgagcccct   540
gctgcgaagc caagtaccaa   560

<210> 1001
<211> 689
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 1001
acgagactgg gttcgatcta tccttttccc atctcatctc aaatccgctt cattcatcgt   60
ttttctaatt cagtggaaca cccacaccac accttcgact ttctacggcg acgcgactca   120
aacgtattcg cgtcagactc gtcaacgcaa ttccgctgca gagaacaact ttcgcgatag   180
cttccacatc aacagtctaa cagctcgtat atcacaatca acatgtctca cgaggaagat   240
ctcattgact actccgacga ggagatcggt ggcaacgaga ccgccgcgac tgcctccaat   300
ggcaagaagg gcgagctcgc cgccggtaac aatgtcgaca agaagggcag ctacgtcggt   360
atccattcga ccggtttccg cgatttcctc ctgaaggctg agttgcttcg cgccatcgcc   420
gactgcggtt tcgagcatcc atcggaggtt ccaacagtcc tgatatctct catgcgctcc   480
tcggtggtga tattctcttc ttcaagcgtt cgtccggtct ggcaagtaag aactgctgtc   540
catttgttct tcgctatcgt tcatcgtcgt cagaccgtg gtcacggaaa gtctctgtgg   600
ttgtcatgtg ccacattcgt ggctgcctga gccatggtct gacagacagt gggacgtttc   660
agcaatactg cccgactcaa aacngtgtc   689

<210> 1002
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 1002
cttcgccgcc gcttgtgttg gatctggagt accattgcag gcctggatct ttggaaagat   60

```
tattgtctcc tttaactata tcgcagccga ttcggacctt tccgaaagca aattctgggc    120
tctgatgttc gttgtcctgg cagtaggtat aggagtcagt tactttgtcg tgatctttgt    180
ggcaactcgc atgtcagcga ccatccgggc caagtatcag caacagtatt tcgacgctgt    240
catgtttcaa aagacatcat ttttcgataa cgaagatcat tctcatggaa caatgacatc    300
gagactagga acagacccaa aacagttgga agagatgatg ggactcaaca tggcgagtgt    360
cttcgttgca ctcttcaatg tcataggggc tgtcactatc gcctttgcac acacctggaa    420
actancagtt gtttcgtgtt gcgttgtctt gcctgtaatg atcatctcgg cttattggcg    480
cttccaatac aaattggctt ttgaaaagan gaacaacnac tctttgcnga aactcaaaat    540
cncgtccgaa tcaatggact tttaagactg tcattctctg acctgga                  587


<210> 1003
<211> 987
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(987)
<223> n = A,T,C or G


<400> 1003
ctcaagtcac ttctaacccc atctatatat cacgacagca gacgcttagc ttcaagtttc     60
gtggtcgcat taattagcta tggatgtcga agagtcgccc tgggccgatt catcacaggc    120
ttcgcaacag gcgtcgcagc ctgaagcctc ggcctccgct tcgcaatcac ctaccccagc    180
tcccgcttcc tcatccgccc ctcgtccgtc gagagggccc cgtcgcctgg tcgctcaacc    240
cacacgtctc gaagctgtcg acnatcctct tggtcccctc ggtgccgtcc ccgaagacaa    300
tggttccgct caggatgccc ctccggtgcc tccgcaaaag gagcagatgg tgattcgtac    360
caccatgcct caaccgcaac agcagcgacg acctgcggac cctaaccata tcgacgacga    420
agtaaatgac ggtccaaagg ctcctcgcgc acctccaccc gtcgaagctg cgcagcctag    480
tgctataagg agcagcaacc agcctagtgt tagcattgaa caggccgcca agcctacttt    540
ccagatttac gttggtgatc ctcacaaagt cggcgatttg actagttctc atatcgtcta    600
ctctgtcaga accaagacca cttctaaggg atacaagcaa cccgagttcg aagtcaaacg    660
ccgataccgt gatttcctgt ggctctataa tactctccac ggtaataacc ctggcatcgt    720
cgtcccacca cccccggaca agcaggctgt tggtcgcttt gacagtaact ttgttgaaag    780
ccgccgagcc gcactcgaga aaatgctcaa caagaccgcg atacacccca cgctacagga    840
cgaccccgat ctgaagcttt tcttggaaag cgagaccttt aatgtggata tcaagcacaa    900
gggaaggaga gatctattcc acccgagagc aaagggcgtc tgggttcttt gggtattaat    960
ggtggangggg ggacaagttt ggggggc                                        987


<210> 1004
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1004
cgcagcagag tgcaatgggg aggccgtcga tctcggcggt agaggtctcc gaatcggcgc     60
aattttcatc atcatggcct cctcgctcat tgggcgcaat cttgcctatt ttcctgggcg    120
cgccaaaaag acaatcccc gtaccaaat ttacttctt catttgcaag ttcgtcggta    180
ccggtgttat tatagcgaca gcttttatgc atcttctggt cccggccgtc aaaaacttgg    240
grgacaaatg tctcgaagga tcgcctgggt ggctacaact gggccgaagc aatcgccctc    300
atgacggtca tggtcatgtt cttcgtcaaa atgctcgccg ctcgtctcag caacgccgat    360
atggagcaca accactctga cgaattcgac cctgccatgg aagtcattgc caagaaatca    420
cccagcaccg acatcgaaac cggaaaacgc agggcatccg gctaccctcc tggaagcgat    480
gaacaccttg cccatggtcg tgagcacaag gaaaggcaag cgcagggtgg gacttgctgg    540
ccaacttctc gccatcttca ttctcnaatt cggaattgtg ttccca                   586
```

<210> 1005
<211> 307
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 1005
ctttgtcacc tctgtcggaa acatcaagct ctttggcgac agtgactcca tgagcgctga   60
ccctgcattc ctcagtctcg ctgagagaat cacccgccaa gaggtcgacg acaacctncc   120
cgtgcgatgt cccgacgacg ccgccggccg accatggagg cgcgcatcgc tgagttgcga   180
gacaaccacn acagcactng gcggtaccgt cacttgcgtt atccgcaatg cgccctctgg   240
ctangngagc cttgcttcga caaggttcag gccaccttgc ccaagccatg atgtccatcc   300
ccgccgt   307

<210> 1006
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1006
ggcgttgaga cacggatcaa tcgaattaga aaagacccct ctttcgactg taacatttac   60
atcccatccg tccatccaag ctggacaagc gtacttcatc caggcccctc ctcctcctcc   120
tactctccct cctcttcctt ctcgtcgctg taactctggc ttcttcaaga gctttctccc   180
gtattggctc tcttgcgaat caagtcagat tccaagctac acgaacaatt ctatcaacaa   240
gacagctcat gactagcacc atggctcccg acaagtatcg taaccctccc caggcgccgc   300
ctctgttcac cgccacccc gagtcgattg ctgccgacac caagaagctc tgcgatgcta   360
ctaaggatgc gctggactct gttgctgcca atgtcaccgc agataaggcc tctttcgcca   420
acgtccttga gcctatcctc atagatgaga atttggctgg cactcagcgt cgcatcttga   480
ccttctacca ccatgttttc accaacaagg agctccgtga tgcttctacc gagtccgaga   540
gagtcttcaa tgacttcggt atcgagtgta acatgcgaga aggatatntt caacggccgn   600
ggatgcnggt ttcgccaacc gagcat   626

<210> 1007
<211> 422
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 1007
ggaaaggaca atggcattcc tgacttctac cctcaaaact ctactcttgc acacgcagct   60
cagcatatcc tctatatcgg caacctcatt ggatatgatc acgtcggtat tggcaccgac   120
tttgacgaca ttccgtcagt gcctaagggt ctgaagacg ttaccaagta cccgatttg   180
atcgcanaat tgcttcgaca gggcgtcagt aatgttgacg cagctaaggt tgttgggggt   240
aatctgctgc gagtatggaa agaagtaaac actgttgcaa gctcagctac aggccagggg   300
acagctgccg ctagaagatg atctgccaag atgaaattcg aggaggcaaa acangcgtct   360
gtggagggtg cgtaaaactt atagtaccgc gattaataac accgctccgg agtttgtttc   420

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```
<210> 1008
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1008
ctccgttcgt ccttgaaagg caacttctca cgagcaaaga tggagaagcc tcaaaagatt          60
gttgttgttg gggctggtcc tgttggttct ctggcagctt tatatgctgc tcaacgagga         120
catgaggttg aagtttatga gttgcgacct gacctccggg atcccagcac tatcccgctc         180
aacttcacca aatccatcaa cctcgccatt tctgagcgcg ggatcaatgc tatgcgccat         240
gctggccagc caggacttct cgatcatgtc atgtccacaa cgattcccat gagaggacgc         300
atgattcatg gcaggagtcc aaccggagct cattttgaac agtctcaaga ctacgatgtt         360
aagggacggg caatccatgc cattgatcgt gcangcctga ataagcgact gcttgatatt         420
ctggacaaca tgcccaatgt caagctgttc ttcaaccaca agctcacagg cgcaaactat         480
cgcgcttgca aggcttggtt tgaggcactg acngaaaagc gtccaaagag tctcgtttca         540
angagattga tatatccttt gatctcatga tnggcgctga cngggcccat tctggtggtc         600
gctcccctta tgaagttacc cggatgaa                                            628


<210> 1009
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1009
tatatatctt gcaactaact gctgagaaag caaaagggaa aatgatggaa tacatcgaat          60
tgccaaaaat tgagctccat gcacacttga ctggaagcat ctcacgccag gctctccacg         120
aaatatggct tcgcaagaag gagacgggcg atactgatct tgatgatcct ctggttgtca         180
tgccagaagg taagcacgac tataacttgc aaaccttctt cccactcttc agcagttata         240
tatacaacct catcactgac gaggaatctg ttcgctatac tacgaaatct gttctaactg         300
atttccttaa cgatggcgta tgttatctcg agcttcgaac gacaccccgc agcacccctc         360
aactctcagc agagcaatac atcgcaactc ttatagacgc aatctcacta ttcgagtcta         420
aaagtcctca gctacacacc cgccttattc tatccattga ccggagacat accttgaac          480
aagcaacttc tacactcaag ctcgccctga aataccgcaa tcaaggagtt gtcggtctcn         540
acctctgtgg tgacccaaca gcccgaccca acgggcgata taagtgtc                      588


<210> 1010
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 1010
agcagccaag cgcccgaaaa gttcccccta gcatctcgtc gtgttcaagc ctctcctaaa          60
tctcaactt ctcagcttcg ctacatcttc aggcgtcact ttgactttgt gtgtgctcga         120
```

```
cttgtcctgt gttgcttcga gtccagtcct tctttctttc ttagaatatc ttttgacgtt      180
cccaagcttc aactcttatc tacctgctta atttaacaag tgtcgccgaa attactcaag      240
atggccgccg ctcctcccaa cactatttac cccgagagcc atgtcggttt cgacagcatc      300
acttctcaga ttgagaagaa nctcttgaag cgtggcttcc agttcaacgt tatctgcgtt      360
ggccaaactg gtatgggcaa gtcgacgctc atcaacacca tcttcgcttc tcacctgatc      420
gactccaagg gttgcttcca acccgaagaa cccatcccgc cagaacaccg aaatcaggcg      480
tttctcacac attgaagaaa acgggttcga cttcaatcac atgtagatac cccggtacgt      540
gattctcaca acacgctgt                                                    559


<210> 1011
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G


<400> 1011
ttaatactca attggcaact gagtcatctc tcttcaatca tgccgtctcc acgacatatc       60
gctgcagctt tggttgctac tgcgacaact gcatcagctc tctatgtcaa tggtactgtt      120
gttgcacctt gcgattcgcc aatttactgc catggagata tccttgagca ggtcgaactc      180
gctcgacctt ttagcgactc caagaccttt gtcgatatgc cagctattcg ccctctaagc      240
gacatccagg aagcttttga caaactcgag aagcctctcc gcaacaattc tgcccttgct      300
gactttctcg atgaaaactt tgaccatgct ggcaatgagc tggaagaggt atctagagac      360
gatctcgata ctgaccctaa attcctcgac aacatcaacg acactgtcat cagagaattc      420
actgaaaagg gtattgacat ttggcctgat ctgcccgtcg atccaccaag acgccaaaaa      480
ctgtcagatt gcccaacagc ttnatcccgt caaccgtttt ttgcgttgca ggnggncgat      540
tccgngaccc tactattggg attcttactg ggatcattct gggtcttctn cgaaccggng      600
gtttttnatt ggaatcgcca aaaacacaat                                        630


<210> 1012
<211> 687
<212> DNA
<213> Fusarium venenatum


<400> 1012
ccaaaaagag gtcccctta aacttgagct ccaaccctcc tttctacaac ccccgcgact        60
ttgactttga ctcaattcga cgaattcgtc ttctttcctc cacgacattg ccttctctcc      120
ttcacgcaac gtactttaa tatctctacc cgtttcttcc actacccaac atgtccgacc      180
aggttcaaga gatcctcgag gttccctccg agttcgtcag agacggtgtt caattcgtgc      240
gacgatgcac taagcccgac cagaaggagt tcctgcgact ctgccaagcc gttggagttg      300
gtttcctcat catgggcgcc gtcggctacg ttgtcaagct ggttcacatt cctctcaacc      360
acgccctcgt cggtagcgca taaacactca cgcgatcggt aatgacgaga ttctggatgg      420
tggcgacttg ataatccaaa aacccgcaag acgggaacga ggacaatcac acaacctttc      480
ttgcttgcgg gtatgcttaa aggggcggag ttacatgaca ttatggcggg cacgcgacac      540
acttctacgc tgaattcgac cgagcgccat aggagatgag aggatgtgtt ttcacgtcca      600
aggcgctgtt tgtatgggtt gagaaatacc catgagaaaa acggctacag tgattaattg      660
tacaaatata tccattgtta tttctgc                                           687


<210> 1013
<211> 685
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G
```

<400> 1013

```
gctgtcatca cccctacat ggttggtgag atcacgaggc aatctcttct ctcttcccc      60
ctcatcctcc tcccctctc tcctcacatc aacaacaact atttattacc cccttctgcc     120
tggccagaac taaaacaaac cagccacaca acaataacaa caacaaaatg ggtgttgaag     180
actcacacac cgacgagcga cacggctctg tcgctctcca aactgccgag aatgtcgagc     240
agatcgaggc tcccatcacc tggaaggctt acctcctgtg cgccttcgct tctttcggtg     300
gtatcttctt cggttatgat tccggttaca tcaacggtgt caacggctcc gactacttca     360
tcagacaggt cgagggtgcc aatgctacca agctctccga gagcaaccag tctctcattg     420
tctctattct ctcttgcggt accttcttcg gtgccctgat cgctggtgat cttgccgacc     480
gcatgggtcg caagtggact gtcattatgg gctgtgctat ctactctatc ggtgtcgcta     540
tccaaatgat cactggtcac ggtgatcctc ttgcctgcat cgttgttggt cgtctcattg     600
ctggtctggg tgtcggtttc aattccctat cgcattttct aactgtccga aattgcccan     660
aatntccttg tgcctcttgc cgtta                                           685
```

<210> 1014
<211> 445
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 1014

```
cctggtgctc agattcggca tccagctctg ctcaccatca cactcactca ctcaccgagc      60
ccgaccttac ttaaacgact actttcatac acaaagatgg ccgacgccgg aaaanaacct     120
catcatgtgt cggagcctct cgaccttgtc cgacttcttc tcaacgaggt tgtctttgtc     180
aagcttcgag gagaccgaga actcaaggga aagctacatg cttacgacag ccattgcaac     240
ctggtgctag gagaggtcga ggagactatc tacactgngg atgaggatga tgacgacgat     300
gagctcaaga ccatcagccc ggaaatccga gatgctnttt gtgagaggng acagtgttgt     360
cttgatctcc ctggagttcc ttttaaaaca aataaggaac atgcgcgtca tagggttata     420
tagccattaa tacaaaaaaa agatt                                           445
```

<210> 1015
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 1015

```
ctggggcta actacgtaat cttattcctg tgctttttcca actccattcg nggccacgca     60
aacctcacat ccatcacaat tcgtctgcct tgaacgtgat ttcttttttaa agctgctgcc     120
tggctttatc tcccttcttc tttaaactcg atcgaccacg aatcatcact ggcgcaatcc     180
tnggaacaa tacctttca tcctaagaca caatgaacat ggagccctcc gacatctttc     240
gcattgtcaa cttggcagtc ggtgtcatcg tcatcctggg tggtatcgtg tccatcttct     300
ctttcagcct tcagcctatc atcctgggtg cttacatgat cgtctttggt cttgttactg     360
gcttcttga gttccaaatt ccccctcaag tttctcgaca tgcgtcgttc atgttctcct     420
tcatcggccg tggtgtcttc tacatcttcc tcggctctct gatggtgagc gacagcattc     480
ttagcaagat cgctagcagc atcgtcggta tcactggtat tgcctacgtc gctctcgagt     540
tcgttccctt catcgagccc cctgccaaca tgcgcaaggt cgaaacact ggctgggggtg     600
ccgancaggt ctaaaaagtc aatagcagta tgtcccac                            638
```

<210> 1016
<211> 621
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 1016
```
gctcattttc aacttgacct tatacgttct tttaattttt ttattctcgt tttagtcaac        60
catgttgtct cttaaatcgc tgtcagcctc gctgataggc gccctgagcc tgagcgctgg       120
cgcgtctgca gccagtagct cgggtcttgt agcctcgacc tatttcgctg gcttccatgc       180
caaccgaggc ttccctgtct cggctatgcc atgggataaa tacaccgacg ccaagtactc       240
ttttgctgag accactgaag acggtggact tgatctatcc cagtctcagc ctgaagagct       300
tagctgcttt gtcactgccg ccaagaagaa cggagtcaag gcgcttgtct ccatcggcgg       360
cggacaggc gccaggtact tctctaccaa ctttggcaat gagaagaacc gcacagcttt       420
tgtcaagaca tgtgtagaat ttgtcaagga gcatgacttg gatggtctgg attttgattg       480
ggagtatccc aacagacagg gccttggttg caacaccatc aacgacaatg acacagccaa       540
ctttttggag tttttgaaag agcttcgtca ggaccctgtt ggaaagggtc tctatctgac       600
cgctgctagc tctctggttc n                                                 621
```

<210> 1017
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 1017
```
gcccaatata ccctttgaaa ggtgacaagc tcgacaagac caaggccatc atcccgggaa        60
tccacacacc ttatgtatac gaatcagggc cttatttcgg tgcaagcttt cagatacacg       120
ctgaggactt cagactcgtc tcactaaacc acctgtacaa aggccgaaag atttggattg       180
tggtcccttc tacagctgtc gacgttgctg aagaggctct tggtcgaaag ggcaaatgtt       240
cccagttcat gcgacatcga gctgagttct tctttcctca aaagcttgaa aagttgggca       300
taccttccg catcatcgac caacgtcctg gtgagaccat agtgattctg ccggacgcat       360
atcatgaagg attcagcact ggatacagca tcgctgaggc caaaaactat gcggataatg       420
gttggactac cgaaacatac caggaatgtg aaagtcaaag tgtaagcttg ccacaatgat       480
tcctgcggat ttaatgcggc ccttgaagga tgggagaggc tcancttgga cctttgttcg       540
ggtttcgaat tacttgncga aagaaaaca accaccgggc aacgccacca acaacaaccg       600
gnatntggga atatgaaaaa ga                                                622
```

<210> 1018
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 1018
```
gccaaattcg tccctctcta cctatactca acacgcctcg ataagtcttt gactacatca        60
acaccaccaa tctntatttc tcaaaaccat ccctcanaac accgncaaaa tgcctaaggc       120
tgctgcctac cggaaagcgt gctaccagaa ccaccaagcg tgccaagang ggtaagtcga       180
agcatctccc acgctcgtgt ttgcaatcac actctntatt gtgcctttgc atcgcacacg       240
ttgcgatctt ctccgacgca acaaacacaa ctaacttnaa tagaccccaa cgcccccaag       300
```

```
cgtggtctct cagcctacat gttcttcgcc aacgagcagc gtgagaacgt ccgtgaggan    360
aaccctggta tntntttcgg caggtcggca agctcctcgg tgagcgatgg aaggcctcaa    420
cgagaagcag cgtgctctta tgaggccaan gntgccgccg ataaaaacga tacgangatg    480
aaaagcaggc ttacaacgcc caccaagang angaagagtc tttctaaaaa aaagtnttcg    540
attttaaacc caagcgtnnc tcgcaaaagg ggaaatntga ttcggatanc ccaaccccng    600
ggccgggttg gaaattntgg ccaagaaat                                      629


<210> 1019
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 1019
caatacacac caaatcaaan tggcatcccg tcgcaccttc atatcctcag ctttgcgcgc     60
ctcagttgcc gtccgacccg cgcggcctat cttcaccatc gcagcccgca cagcanggcc    120
atctctggca tcacgagcat ttgcnccctt tgctaagtcg ttgcgaagct atagcgtcaa    180
ggaagaacca acaaaagact ttaagaaatg ggaattcgag gaattgaaaa aacttgtgga    240
agatggcact catgaagata taatcattgt tgatgtccga gaaccgtacg agctcttcga    300
gacaggcaaa attcccggcg cgatcaatat ccccatcaca acagcagtgc agagtttcca    360
tatcccggag gaggactttg aggagatgta cggcttcgag agaccttcaa aggacaaaga    420
gctattgttt tactgcaaag ctggcgttcg cgcaaagtcg gccgcgcatt tggctganca    480
tgctggctgg aaaaaagtga gcgattatcc cgggagctgg ttaanattgg ggcggcncaa    540
aacnggcctg ttgaaaagtg tcaagccggt cttanggatc aaattgc                  587


<210> 1020
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 1020
gtcgagttta tcggagcgtc gcgatgaaag ctgtgacaga aatcgacatc atggctggcc     60
aaggttcatc cgtatttcaa gaaacccttc gcatgtttta gtgtttaaac tggattgctt    120
attgctcgtg tgggcattta tagccggtct cttcaaggac atggaccagt ctgccacgac    180
agccgcattt gtctccggaa tgaaggaaga tctgaatctc tacggcaatg aacttgtnga    240
gtttacgaca tatttctcca ttggctatgc gatctttatc gttccatcgc aactcatcca    300
aactcgagtc cgaccatcta tcttcctacc agtttgtgaa attatatggg gtctttttac    360
actcttcacc tacaaagccc caaatgccaa aatcatctat gcgctgagat tcttctgggc    420
gtattgcante tacatcgtgg cctggtattg ttaacccgat ctttaattgg tatcgtcccg    480
aaaaactgga aagcggtggc catttccgtg tcacggggtt acaggaaaat tttctcggct    540
cnnccactgc ctctcaggaa ccaacgaat ccggtcttc t                         581


<210> 1021
<211> 570
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G
```

<400> 1021

```
caccanacnt gccctccttt ttttcctcgt taagggattt aaattgtact cattccaatt      60
acaagaccca aaagagccct gtatcagtat ttattgtcac tacctccccg tgtcgggatt     120
gggtaatttg cgcgcctgct gccttccttg gatgtagtag ccgtttctca ggctccttct     180
ccggggtcga gccctaaccc tccgttaccc gttgcaacca tgtttggcca atacccaaac     240
atcgaaagtt gatagggaag aaatttgaat gaaccatcgc cggcacaagg ccatgcgatt     300
cgaggagtta tcatgaatca ccagtgagcc ccgaagggca ttggttttta atctaataaa     360
tacatccctt ccgaagtcgg gattttttagc atgtattagc tctagaatta ccacggttat     420
ccaagtagta aggtactatc aaataaacga taacttatat aatgagccat tcgcagtttc     480
gctgtataat tgcttatact tagacatgca tggcttaatc tttgagacaa gcatatgact     540
actggcagat atgcaaccag gtaactttcg                                      570
```

<210> 1022
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 1022

```
cagatgttca atataacaca aagcatcctg tatatccggt ccttcaacga attggcaaag      60
aaattacaca tcaagtcaaa ccaaaagccg tggttgtctt ctcggcacat tggatgggag     120
aagaggacac catccatgtc aacaatgcag ttgatactga cctaatctat gatttctatg     180
gcttccctga tcatttttac aaagctcagt atccaaacaa aggaagcccc gagcttgcga     240
gtaagatcat ggtgatgctt tcagaggccg gaattcagtc ctatggaatg aaacgtggcc     300
tagatcatgg cgtgttctct ggcttccacg ttgctttttaa ccctgaagcg aatcctctaa     360
actcccgctg gttcaggtct ctttatttaa gagtgaaacc tcatgctcat tatgcccttg     420
gccgcgctgt gtctgcctta ggaacaagga acgtcataat cgtgctggaa ttcgtaccaa     480
cttgcaaact cacacatgtt aangtaccag aacctccata cntgtgattc acaccctaaa     540
nagtgcgagc gaccgattcg cagaaaaagc gcgttcanaa gaacaaaaac cccttct        597
```

<210> 1023
<211> 602
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 1023

```
gatgaagttc gcctcggcat ctttttctcct attttaatgt caattgcgct gtcgcttcag      60
tctctcactt gatctgcaac ataattcttt cgaataatat acacatacac atacacaatg     120
gctgctgaac gtattggctn tattatcaag cacctggccc ctgggtcagc gcttaacagc     180
attcagtcta agaacttga cgatattgtt atcacctcg ncgtacaaac accactcaca     240
aaggccaaga agggtggctt caaggacaca tcgcttgaat atatgctcta tgctatcutg     300
aaggaagtc gagaacgatc aaaccttgac cctgccttg ttgaggatat ttgccttgga     360
aacgtctntg atgccaaggc tgcctacaag gttcgcgcct ctgctctcgc cgntggtttc     420
ccaacaccgg cgggccttct catnaaccga ttntgctcct ccggtcttaa ngccccgccg     480
attcccctt catctcaatg gcttcatcna aacggtttgg catggcgcc aanaaaaaaa     540
cattgnggjg accnctcan aagcctttta agaaggcgtt cattaaaaat ccaagagntn     600
tt                                                                    602
```

<210> 1024
<211> 663
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```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

<400> 1024
atttcgacga cgacaacctc aagcttcatt ctccccggtc aattttcacg ccaaatcctc   60
aatcacaatg tctaccgccc aggagctctc caacatttcc caggacctga tctgggagat   120
cgtccgtgac aacaactgct tctccgccaa gagcaagaag aacggtggtg ttcagttctc   180
ccgagacccc ctcaacctga ccaacaagag ctcccgaaag cacgccggct tcgtcaacga   240
caaggccgtc ggtatctctg ctggtgagaa gggtgccgtt gttgtcacca ccaagaaggc   300
tcagcccaac aagcccgccg agaacctcac caagacttct tacagcggct ccaagagcaa   360
cggcaagacc taccaggcg ttgccaacca ggtcgccaag aactcttacc gcgctgacct   420
ccgctccgct gctgttgagc gtgcttctgt catnaagaag tccaacaagc ccgtcaagcc   480
cgagcctgag cagaanctnc gtggcaacaa ggccaanaan gccgttgccg ccgncgctct   540
gaggagaact aagctttacg atgcaaacat agaaatgggg gttgtgaata aggctatagg   600
atgaactagg gaggtaagct gcatagctta cacctgatga gaaaagggat catcagaatg   660
ggc   663

<210> 1025
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 1025
ggcaccgcct tgagtggcga cggtattgat ctctcagcct ttgcgccaaa ggttggaact   60
gagaatggtg aactatcgac atttcgagct ttccagtcac gggggcaac cttactacgg   120
anaattagac gcttttccaa ggaaggctac ttccttgatg tgactgtgtt ggaggagtgt   180
gtgaaancca acgtcggcga tctcacattc gaggaagcct ataatcgaag caagagggtg   240
ttaaacatta cggttgcaac agagggtcaa ggaggtgtgc cgacnctact caactatctc   300
accgcaccta atgtgttgat ttggacagct gctgtggcgt nnaatgcctc atcgccttcn   360
ctctatggcc accggaaaac aaccatgctc tgcaaagacg ctcatggtaa catcgtacct   420
tgggcccggc caatactatc nactttcgac actggacnca cacattatac tcggatcgag   480
actacctnt aanggcgtat cgntgaactt ttcaacggca accactttn ttgtcaggca   540
agccggnca ttccttatc cctttatcca ntcccatttt gcatggcccg ccctggtaga   600

<210> 1026
<211> 812
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

<400> 1026
gtgcattt tcttgctct ttataaccac caacggagt cagattattg atcgattggc   60
ctgttcgaat agaccgagta ggtctgggaa aggaagaaag gtccggacat atcgacgagt   120
ttgcgcggca ctttcggctc ggacaattga aagccgcatt ttcccttag gcctttcttt   180
gttatcttga gcatcaactc aaacgtcgac atcgtcatcg ttttcgtccg cagcgaccac   240
ccgtgggcgc aacgcaacaa acttgaagaa aaaaaaccc gaaatctccg ttccctcata   300

```
gccccgtagc cgactcgaca cctgtcacga atcgatcgcc gtcgacttta caacccaatc    360
accccgatat ccctccagtt cgccaatctn ggggccctcg aaancaaccc ttcggggggaa    420
catcggaagc tgttggcccg catggcccac caatttgcag acccttcgag gaatacaact    480
ttgattcttt gccgcccaac ttctcattgt tgcaaaatnt ggccgcaggc gcctttgctg    540
gtntagcaaa acacactgcc atgtttccca tcgatgcgat caagacnaga atgcagattc    600
tgaaccccag caccacaccc gcctactcgg gagtcattcg caacactgtt caaatcgccc    660
anaccgangg tttcttcagc ttatggcgcg gaatgtctan tgtcatcgtt ggcgcaggaa    720
ctgcacatgc cgtttacttt gcgacttacg aagcagttaa gcatgccatg ggtggtaacc    780
aaactggtgt tcaccancct ctcgctgctg ct                                  812


<210> 1027
<211> 612
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G


<400> 1027
atcctcaaaa atgtctgccc tcttcactct ccctatcgcg cagtgtggcg ctcaccctgg     60
cggtaccctc acttgtactg agccctcacc aagagtctac ctgctcaccc tcgtatcgcc    120
ccccgacaac cgtctcacaa cgcctgtcct caatgccttt ctcaacgcgc tagacataat    180
cgagtttgga taccctcacg gtgttgtggc aacaacatca ggaattcaaa agttctacag    240
caatgggctt gatcttgaac atgctgttgc tactgaaggt ttctggcatt tgctgtataa    300
tgtttggaac cgcttcttga cataccccat gcctacagtg gctcttatga acggtcacgc    360
ctttgcaggt ggtctcatgc tcgccacatc tcaagactac cgtttggctc cctctccacg    420
cggcttcctt tgtctcaacg aacttgtctt cggtgctcct ctcaagcccg ccatgtcagc    480
tctgttccgc gtcaagtact cccacgcaac gtatcgcagc cttgttcttg aagccaaacg    540
cttctcaggc gaagatgctg tggcaagccg gtattgccga caatattgcg ccccaaggtg    600
tggaagacct tn                                                        612


<210> 1028
<211> 597
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G


<400> 1028
ganttttttt tttttttttt tttngatcat atcaaatgta tnggggaata tacaaaaaga     60
tacccaaact ccggtatatg cttttccttc tcttaacggg tttaanggaa ctgncccctcg    120
gtattaccct cgcccatact cttgctgntc gaacttccac tctggatagc acccaggatg    180
ccatcaatat aactngcgcc gctccacttn tgangcgtna aaacatcaca cttnaagtcc    240
ttctcgcgac ggtgaacaat atnaacatac gccttnatac cgtncttttt gaactccgcn    300
atagcaatt gtgatggttg cgttggagtg caaaccnct acnaaatgag ctgcacacna    360
aatccttttt tgcaatggcc aaangaatga cttgngggt tcatcccgga aacgggggc    420
catccanttg aatgngggga gaggtgtccc naaaccttgg cgggaaaacc tgnggacggg    480
gaggcctaan ttggatcttc tggaaatngg ggccctgtt caccaaagga atcccctttg    540
gaccnatgca aaaccccttg gtaccnnttt nttccggccg gannggaaaa ccttcng      597


<210> 1029
<211> 502
<212> DNA
<213> Fusarium venenatum
```

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<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 1029
nagaagggtt ttggagcgct catgtcttct tcggctgagg atatngctga gcagatgccc   60
aagctggctg agcaagcaga gaaggagggt gctgatttcg ctggtggngg ngttgctgct   120
acttntggcg agaagctcgc tgagctcgtc aagcgaacat atggcgagtt tggtgacgat   180
attggntgct ttgtgctctt cttcctnaac tttgtaacac ttgacccggc gaggncttgt   240
tcctggcgcc gacgacatca cgcctacatt ttcggngaca tcatggagtg gcatggntgc   300
atcngacaat ggtgtcccgc ccgnttnaca cccaaagtca angacgngtc tactcttgnn   360
gacatgctaa cctacaactt tgntccatcg agggacaaaa aganganacc caaagaatta   420
cccttacgca anaattaacc ggacaaagnt acaattccgg ttaaaaagtt gtttanacna   480
cccccgaccg aggaattaac gt   502

<210> 1030
<211> 705
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 1030
ggtatctttc cactcaacta tgtcgagaag cttaccgatc ctactgcgga tgagctgcag   60
cgcgaggctc agatggaggc cgaggtgttt gctgagatca agaacgttga gaaacttctc   120
acattgctca gcacctccaa cactgcgccc agagaagagg ataatgagga gatttccaag   180
ctgtatcacc agacacttgc tattcgacca aaactcatca agttgatcga aaagtattct   240
cagaagaaag acgacttcac acaattgaat gaaaagttca tcaaagctcg acgagactac   300
gaagctttgt tggagtcttc catggcccat cctcctcagc acaactacca acagtatgcc   360
atgcgcccag ctcctggaca angttatcct caggctggcg gatatcctcc ccaaggagca   420
ccgcctcagg atccatcacg gtactacaca cctggccctg gangagcagc ctccatacca   480
ggcctcatcc cctcccctaa cttccagaac caaccccaag gtcnaccagc tccttttac   540
gtancaggac tgaantgccg ctggctccaa cctatcccct agaaatgaat ctccttccac   600
ggcnaacagc cgccctatca acacatcgac actggccgaa ctcaacctta catcatctca   660
gacacaccnt ntggtcaacn ctatnggagg tgactgnaac ncttt   705

<210> 1031
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 1031
agtaatcatc tccaggccg tcgtggccgt cctcacaggc tacgctttcg gtatctatac   60
catccgtggc tatctcattt cgccttcct agtcnaagag cgtcggcgcg ccctgcacga   120
tcctgtcgag agcgacgaaa gcgatgttga cgaagacnat actgtgctcg accatgcacc   180
caantnggct aacggccncg ntgccgatcg caagcaggc ttgaaggctg ccgatgagga   240
jaagaaggag cctgttgtta aggataacgg ngaggagtac aagcttgttc ttgtcgtgcg   300
aacagatctc ggcatgacaa agggcaaaat cgctgctcaa tgctcccatg ctaccctcgc   360
atgctacaag tctctcgtcc gcgctccgc caactctccc caagcccaga tcctcaagcg   420
atgggagcgt ctcggccagg ccaagatcgc tgtgcaagtc aaganccagg acaaaatcct   480
cgagctccga cgcaaggcac gatctctggg tctcactgct gaagtgatcc aggacctggc   540

cgaacacaga tcgaagcngg tagcatgacg gtctgggcgt tggactgctc ccncacc   597

<210> 1032
<211> 589
<212> DNA
<213> Fusarium venenatum

<400> 1032
cgtcaagtcg acaaacctgt ctctacaaga tccacgagca ccaggattgg gataccgact   60
cttgcaactg gaccagaaca cgccgcaagc cgaccttgaa aagaccaccg aggaagctta   120
cacaatacga cgctatctta gtggcattcc cgaaggacaa gatgagatct cgaaagagca   180
tgctcttcca caggaaacaa atatggatat catgcacggt attgacttcc acaagggttg   240
ttatgtcggc caggaactca caattcgcac aagacaccgc ggtgtagttc gcaagcgaat   300
tctgccatgt gtagtctacg agaaggaaca tgcaccccca acaacactgc aataccacgc   360
cgacggcgca gcctcatctc tcgaaagcgt gaccgcggac atgataccgc ggggacacaa   420
gcattggacg gttcgagaag cgaagacgca gcgctggcaa gtggctcaag ggcgtgggca   480
acattggact tgggttgtgt cgtctggaga acatgactga cgttacctgc cgggcgatgc   540
ggcatcaggg gcattcaacc ccgaagacaa ttcctgctgg aattggggg   589

<210> 1033
<211> 647
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 1033
gtcgcattta aaacctcggt tgcttctccc caggtttttct taacctttttc attatcgtat   60
actcttaatt tgattttaca cattaatctc aactcgtatc agcagccatg cctctcaaga   120
acgacaagtt ccccgcctcg gccgccttcg acgccattca agaggctatc aacgccagcg   180
atgccgatcg caaggacgcc atcaagcagg gtaacggtgt ctacgccttt accctcaaga   240
acgcgagcgg cgacgaggcc agctggcata ttgacctcaa ggagaccgga aaggttgcga   300
ctggcaccgg cgaaaagccc gacgtcaccc tcatcctctc cgaagagaac tttggcaagc   360
tcgtcgctgg caaggccaat gcccagcgtc tctttatggg cggcaagctc aagatcaagg   420
gcaacgtcat gaaggcgacc aagcttgacc ctgtgctgaa gaaggcccag accaaggcca   480
agctgtagtt gaagcgtgtt tttatatagc attgtgcatt attttgntgt ttctttctgt   540
acgatatcca cttgctggtt gtcaatcact ccatgcttcc tggatgcgaa tacatatagg   600
agtatacgcg tcaatatcaa ttttgatacc ttttttaaaaa aaaaaaa   647

<210> 1034
<211> 513
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 1034
ccgaacgaat aacacaacgc tacagaacgc aaagatgttg gacattgagg atttcattga   60
ggagcgcggt gggaaacccc gngaagattc gggatagtca gcgtcgccga catgctcctg   120
tagagctcgt tgacgaagtt attgcccttt ggcaagatgc gcgaaagacc agtacggcgt   180
cactcagatc ggtacacaaa taaatggagt ccaaaaggag attggactcn agaagaaggc   240
taaggaggat gcgaccgacc tgctccagca gaaggaggaa ttgacagaga agaaaaaagt   300
cnaggaagan ctcgctgcgg ccaagaagct gagctcaagg tcnaggccaa gctcgtcnga   360
aactacgtcc acgactccgt nccgtcagcg agaacgaaga cacnacccccn tcgagagaac   420

ctgggcgccg agactttgac aagaacaagc aagccgctct ctcccaccac aatnnctcct   480
gcgacttgga agatacaacc cgtccgaagt gtc   513

<210> 1035
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1035
ctctattctc tttctttctt ctcccctgcg atctagangg cgacggtttc aataaagaaa   60
aagaaaggaa aangacaact ccacagtatt agaaaatgga acgtctgaa ttgggaattc   120
tcccaagcaa aacccctggc gcttccngaa cugcaaaagg aaccttcct ctgggaacag   180
ttgggaagga aatcgcacan ggtcttgaat tggccaacct ttttgacatt gtcaaggtcc   240
gactccaaac atcaaaccaa tactcctccg ctatcaatgc tgccacaacc atctacaana   300
acaaaggcgc tctagccttc tacaagggaa cactcacgcc tctcatcngt atcggcgctt   360
gcgtttccgt ccattcggtg ccttcaacgc tgcgaancgc tggttccagg aacgcaacaa   420
tggggctgaa ctttcttatc ccaatacggt gccgcaggtg ccttcnctgg tatctccaac   480
tcattctctc tggacccatc aacacatcgt atccgtctca nantcaactc acgggccggt   540
ccttgttcna cggactggcg antgctcccc aacttgacc   579

<210> 1036
<211> 991
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(991)
<223> n = A,T,C or G

<400> 1036
ctcgtctttc ttatcaatac ctgnaaaagc ccggtctaca atcttgactt tgttctctct   60
acccatttaa tatcctgctt gtcctttana acatcaacaa aaattctcta ttaatagtat   120
cggcgcgttc aattaacgcg gcgaagagta cacaatgacc gttattgaag gaaacgttag   180
gccaacgctg ctgcgaccgc cagagcatga cgaagataag tctttgattg anaacgtctt   240
ggacgttacc gagctcaagg ttctaggaac agatatcttc acaaacacac atcctcaatg   300
gggtcccct ggagccgtg gtatttatgg cggcgccgtc atcgcccaat gccttgccgc   360
tgcgaaaag acagtccag agacattctt ggngcactcc ctccactgtt attttctcct   420
tgntggctcg tccgagaccc caatcctcta ccacgttgag cgggtacgcg atggccgctc   480
atatgcgaca cgcacggtcc aggcacgaca gaagggcgca tgcatcttta ccaccactat   540
cagctttgtt gcgccaggtt agtccagaca agaancagcg ggaggtgaag ccatgcggcg   600
accttccag anaacgtaac tgcncccgcg gatgattggg gacggcgagc cagagtgggc   660
aaggaccgg acccttcag agtcacagaa ttgaagtgct gggttccaat gaccctgaan   720
ttaagccaca gggaccgcaa gaacagacag tgggtgcgat cgcgacaaaa gatctcnnct   780
gtaggcggc acaagcaca tctaaatgct ttagcctaca tgtcggatan ctactttatc   840
ggcaccgtct ccgcctcca tggcctatgg cgcttccat tctcccctga agaagtcct   900
ccctngatga naaaaccccg gaaaangtcc agganatttc naatttnaaa gcatgggttc   960
ccnccttgaa gactggaana aaaaaaatcn c   991

<210> 1037
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 1037
ctcacttaac ccaccgaacc cccggctccg atccacggct tccagctccg gaccctctcc   60
cgatcagcgc cttgactttt tccgggtgtt ctgataaagc agtccaacaa ttcaaagatc   120
atggcaacgc aactcattgc tctgccggcc gtaaaacgtc tcagtcctac ttgcatacgc   180
atactgggcg gcaatccagg aaaattcact cttcaaggta caaacactta ccttcttggc   240
acaggccgaa gtcgactcct cattgacacg ggtgaggggc gcaaggcttg gatcacttcg   300
gttcgcgaga tactgcagca ggaaaatgca accatcgcca ctgccttaat cacgcattgg   360
catcatgacc ataccggcgg tattaaagaa ctcctgagta cctctcctca ggcgagaatc   420
tacaagcaca ctcccgacga cggacagctc gacataaagc acggtcagcg ctttgaaatc   480
gaaggcgcga acttgacagc tgtntatacg ccagganaca ccagcgatca tgtcgtgttc   540
gtgtttaang aagaaaanac aatgtttact gctgacaatg t   581

<210> 1038
<211> 564
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 1038
atcccatcat cttcaccttc tgaatcgaaa cagatcaacc tcctgtttct ctaccttttt   60
ttatctccca agtacaatca ctcaaccaag tcatcatgtt caactgggct aagcaacaac   120
tggccaatgt cgccggcact caggagccca tttacggtcc ctctgccatc aagtctgttg   180
ccatcgaggc cgaaaagact ccctacaccg agctcactcg agatggcttg aagtggaagg   240
ccatggactc nacctctgtt gagacagaga gtttctacat ttgtgccgac aacggttaca   300
ttgctcttgc ccaggtcatc tatagcaacg ttgccggcat cgaacaacc tgccagttca   360
acgcaaaggt ctttgacaag gacccttcaa agccccacct ttgggcctca acacctntca   420
acaaccaaga ctttaacgag gacaagacga gtttctaccc cgacgactgc ccgtcgagct   480
atccgaggat ggccttacta cactatcaag agcatgaaca gccaggaagc catcgtnacc   540
tgaaacacc cgctctaccc ctgg   564

<210> 1039
<211> 524
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 1039
ttagatntat aactnccaag aagtataaaa agaatgttac gcataaacga aacatcgact   60
tgactatcgt gatggggtag atcgagtcaa tcaacctcca ccactcaaac aatttgttgt   120
tgaaagatct tgcggtccat aacagagaac catacctatt ctntttaact aaacatccat   180
gccatcgcgg atgcgcaaaa agttggcata tcgctccaaa gtccagcgac gggacgcctt   240
acccagacc gccatgggaa gagaagtnat gatgataaca aagctcanaa caccaagttc   300
atgaagcag ttctgcagac ctgttcaatc caataactac acacaaatgt gaagatggta   360
gccatgctgt tttgatacag anccctacca tccctaanga ccatgtccgg gtaactgtca   420
ccgaggtntg tgatgctaaa atcaccagcg canccgtccc aaagccgatg aacaanacc   480
acgtccggat ggccanccaa tctgactgac catgccaata cccn   524

<210> 1040

<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 1040
```
acacattcaa tcttgtactc gactctttcg tatcgggtcc nactgccagc aacagctttg      60
ctttgattcg attgtgctcc gcttgcccca ctcataaata tttgatctgt gcagcaaacc     120
aaacttgacc tcccccgcca tcaatcaatc agtccatcac cagaatcctc ccctccaaac     180
aacataacaa accttacagc tagcaaacat ggcgggataa gaccaagacc ctcacacgac     240
acctgtcggc ccttcttacc gtactcaaca acagaagccc agtgctaccg tctctgtcga     300
tgtcaaccta gacaatgtcc atgttctgcc ccagaccect cagctcattg ccctactgtc     360
gatgatccgt ngcaaagaga cggagcgagc agactttatc ttctactcca acgaattat     420
tcgtctgctt gtcgangaag gtcttaacca tctgccccgt cattgagcat actgtcacta     480
cgcctattgg tcgtacctac aatggtctca tgttccaggg caagattgcg gtgtgtctat     540
catganaact ggtgaagcta tggacan                                        567
```

<210> 1041
<211> 493
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 1041
```
cagactatca acaatgtctg atcgtactgt tcttgttaca ggtgccactg gactcttggg      60
tcgagaggta tctgcggctt ttggtatcaa aaattgngag gtcaaaggaa caggcttttn     120
ccgtgcagat ggaatcagca ctctcaaagt cgacttgggc aatgagaatg aagtagcnaa     180
ttttctagat gataccaagc ccaatgtnat antccactgc gctgcgcagn gattcccaga     240
caaggtcgac aaagacccen gagggagcca gancactcaa tgtccctgct agcaaggcac     300
ttgccaaact ggccgntgaa agaagatttt ntggcattta cattttactg actatgtgtt     360
ccctggcgta cncggagatg ctccataccn anctgacctt aacccgnact taccaacctt     420
antggcagac taacttgatg nggacntgct gttttagaac cttttaagga ncttgtaagg     480
aagcttgggt gtg                                                       493
```

<210> 1042
<211> 959
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(959)
<223> n = A,T,C or G

<400> 1042
```
gcctaaacta agatacaacc cacttctcac tctctcctac tcttgagcgc ccatttccaa      60
acgactttgt rctttcgcat cgtgagactg tttattcctt ttcccatcca cactctacct     120
tcgtccgacc acccctcatc ctaaacatcc cgtctcctga cgtagacgc aattatgtct     180
caatccggag ccaccgtttc tcaggaatgc attactgctt tcaacgactt gaagcttaac     240
aagaagtaca agttcatcgt ctacaagctc tctgacgact acaaggagat tgttgtcgag     300
aaggcctccg agagccgcga ctggaggac ttccgtgaga cgctcgtcaa cgctaccgcc     360
aagagccgaa ctggtgcgt tggcaagggt ccccgttacg ccgtttacga cttcgagtac     420
```

```
aacctggcct ctggcgatgg tatccgaaac aagatcacct tcattgcctg gtcccctgat       480
gatgctggca tccagcccaa gatgatctac gcttcctcca aggaggccct taagcgatcg       540
ctcaccggca ttgccaccga gttgcaggcc aatgacactg atgacatcga atacgacttc       600
atcctcaaga ccgtcagcaa gggtttgttg cttaagcgcg ttgtcacgaa accgccaatc       660
gccgcccgcg cttccttata gaaaccgggt ggtgatggga tttgacatac ctaggcgttt       720
caagagttga gacgccaaaa taagcaagca atttaatgag ttggaatgtt tagtgagtgg       780
atggaaacgg gcgcgaggat accatgggtt tttcgtttct tttggggacg taaacnacna       840
atttgcttca ggaagcgaaa cgtaaattcg cataattgcc agccctggcc atgtttcgtn       900
cgtaccccgg gaaaataaaa cgcatgctgg tatatggcaa tcattggcat tttattatc        959
```

<210> 1043
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1043
```
cgacgatccc ttctacgaaa taccgaaaat gtcatcatcc aattatgtca caacgggcca        60
ggcgcnaaac ctacgcgcat gcatgatctg ctcgatcgtc atgacctccc agcgcttnca       120
aaacgaaggt tgccccaact gcgaggagtt cctacacctc cagcattccc cggaccanat       180
cgagagctgt acatcccaag tttttgnggg tgttatcact gctcgcaaac ccgaccaagt       240
ngtggatcgc aaagtccagc gcctcnatag ctacgtgcct ggcatgtatg ccatcaaagt       300
ctcaggacaa ctacctgatg atgttcgatc gacgttggag gacgaatata aggatacant       360
ncattccacg tgcggcacag aggcggganaa cgatncttaa aatacntact tttgccgtgc       420
ccacaatnaa tttcnctntt tttggaaaac cgntgtgggg ggantaaatt gntgtgtttt       480
tggaaaa                                                                 487
```

<210> 1044
<211> 544
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 1044
```
ctggaaatga caganccaat ctcaatcagc cgtcagtggg aagaccaatt acattatgac        60
attgtcatct cgggcaagag tttccccatt ggtagcaaga ttcccatcgc cttnaagctt       120
acaccactgg ccaaggttca ggtgcacaag ctcaaggttt atgtaacaga atccatcgag       180
tactggacaa acgataagcg tgtgacccgc aaggatccgg ccgcaaaat cttgctgctn       240
naaaagtctg ntggcaagcc ccttgattct tcctactctt tatccgatat ccgaacactc       300
cgcggnggag agctcgaccc tgaacagcga caacaggccc gtgaggcagn tgccagaana       360
cggacacagg aagctgcaga cgacaaacta ccgttgagcc actgccnaac catctgcaac       420
cttttggtg acctggactt gggcttgan accatntggg gctcaacgga aattgaagcc       480
aatgtgcana tcccgacctg cgagatgatg gccaanaaca angagctgcg actcacccg       540
antg                                                                    544
```

<210> 1045
<211> 585
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(585)
<223> n = A,T,C or G


<400> 1045
```
gtagtgcaat atggaggcgt tgacgccggc accagcaatg attggatatg cctgagtgtg   60
agcaccaatg ttatgccagt gacattactc gcactcttcc tgttaacggc tttttctcaa   120
agcaagcttc tgcaatttac tctattgtgc aacgcatgca ggaagaatgc ataacacgtg   180
tccggcccgg cactgtttac tatgagctcc agcttcacgc tagcgacgtg gctcttcaan   240
gcttcgcaa gctgggtctc ttgaaaagta gctttgacga aatccaaaaa gcgggtactg   300
ttgcagcttt ctttccccac ggcctgggcc accatcttgg tcttgaagtt cacgatatca   360
ctggtgatga gcgcctcctc atgcgagaca actttcacgt tgaaggtgga aaacgtgaga   420
tggtgactgc cgcccccctg gtagctatgc accgcatggc ttcaacacca ggccctacca   480
ggcccagaca gaccttcagc ctaacatgat agttacaatc ganccaggaa tctacttctg   540
ccgtcctttc attgaagggt acttcctgaa caactcgaca catgc   585
```

<210> 1046
<211> 588
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G


<400> 1046
```
attaactgtt gcaaggggcg ctggatattt ccagcgtttg tgggactgct ttgctgtgcc   60
acgaattaga cgcgccaact atggtgcttc gactgtcatg attgcgcagc agatgtgcgg   120
tatcaatatt atttccttct acagttctac cattttcgtc aatgctggct acaccgaagt   180
ccaagccctg tatgcttcac taggatacgg tgctattcaa gtcattgcaa caatcccgac   240
gttgtttctc atcgacacca agggacgcag aacgctatgt ctcatcacct tcccgttcat   300
gtgtgtcttc ttgctcgctg ctggtctgtc tctcctcaat catagtggca gccgaagtgc   360
gcagattgga cccgttgttc tgttcgtcta cctcttcaca atcgcctact ccctgggtga   420
aagtcctgtc gcctttcaat actctgccga agtattccct actatccagc gtgagcaggg   480
tatggcctgg gctgtctgca tcaacaacac ctttgctggt attctcggtc tcaccttccc   540
tcgaatgant gctgccatga caccactgga accttcggct tctacgca   588
```

<210> 1047
<211> 588
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G


<400> 1047
```
gtggtagtgt taataccaca tgcttctttc aaggctctca agagtacttc atcttcgact   60
actcggaaa tgaaaactg agagcaatat ggagaaact tctattcaga ttacaggcaa   120
ttgtctttgt catcgatagc acagatagag cgaacatgga ggagactagg gaggcgttgt   180
ggcaagtact acgagaggaa atgcttgatc ctcagcctgt tctaattctt gcaaataagc   240
aagacaatcc taaagctatg agtgtgcttg aactcattga gtgcctccga aataanaaag   300
atcttgagaa aactagaaaa tgccgcatta tcgccacgat ttccattacc ggtgaaagtt   360
tagtccaaag acntgagttt gatgccaaca attgtgcgtt tcnaatccct cccnctgaga   420
aaaatgacnt ngaayaaaat tccntccaca ttccttatt tctccttgc aattctcatt   480
gtttccggga aaaggaaaaa ccaaccttan aaacaaatng tggttccgtt ttatactgcc   540
ccaatttaac ttttacnccg ttttttcntt ccccganttt taaaggcn   588
```

<210> 1048
```

<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1048
cggccgcagg gaattttttt tttttttttt tttttttta aaaaaaata gtagttttgt   60
atatgcttcg tcaaatagta caaattctgt acatgatact agaatacaca cgccagctgc   120
gtccaatagg ccaccaagcc ggccaataca agttccccaa atgccatttc tctatttgat   180
cttcttttgc ttcagcttga tcgtttggtc gttgatgaac acgccctttc ccttgtaagg   240
ctccggagga cgccacatgc gaactcgccc agcgaaggac atgataacct cacggtcaac   300
tncctnaatc aggatacgtg taggcgcagg agtcgtaacg gtgacaccgc ggggatacc   360
ctnctngacg ggatgcgtga aacccagctt gaggcacagg aaacgctggc caggaaattc   420
tntttnagcc ttcccgaggg tgccttntac atggttggng acttcgcctt cgcaaggcca   480
agggtga   487

<210> 1049
<211> 503
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(503)
<223> n = A,T,C or G

<400> 1049
ccggcttaga tctgtctcga taacaagcac taaggctcac ttttggataa ctaagtccaa   60
gtacctgac gacattcata cttcagccaa caaagatctc acaattcatc atgtcaaagc   120
ttttcatcgg tggcctagca tggcacacag aggagaccac tcttcgccag aagtttgagg   180
agtttggtcc tgtcgaagaa gctgtggtgg tcaaggaccg tgatactggt cgcagccgcg   240
gcttcggatt tgtgcgatac acccaggagg gcgacgctca gaacgccatc gcagccatga   300
acaatgtcga gtttgacggg cgaactatcc gagttgacaa ggcatccgac aacggccctc   360
gaggtggttt cggtagagga ggaggtggtg cggcggcta tggacgaaac tttggtggcc   420
aatgccatac ggaatggccc tcctggacct gctaccaaat gcctgnccct aacatgtacg   480
cgccatgcc ttatggtcgc gga   503

<210> 1050
<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 1050
cgacgacact tcaacccccg gacgtcaatt gcttctcctc gattcaaaat gaagtactcg   60
ctcgcccct tnatcctcg ccggccgtgg ctcgcccgnt ttttcaagcc cgccgctacc   120
tggtacgtna adattgcgg gtaccgccag atgggcctca aatacgacga tctcctcgag   180
gaggagaacg agaatgccca ggctgccctc aagcgttttt ctaaccgnga gtnctacgag   240
cgcatntacc gtatccgacg tgctgnccag tgcagttacc aacacaagct ccttcccaan   300
ggccagngga ctacctncgc nttgganaag ccctactttt nagncttttta tngaaaaggc   360
cccccccgaga aggcccaaaa naacaagctc aattcctttg ttggcggccg aaacactaaa   420
attttttggc cctccggttg ggaggacagt angaatgaag gtttggaaac nctcccnggt   480

```
ggnggtgaaa gggaattcct cctctaaaaa aagggggtcn cctcacggta aanaattccc      540
gnttttttg agacgttggc ttgctc                                            566


<210> 1051
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 1051
ccgggcgaga aaagccaact gtcaacgatc cttgtgcctc gacatcgact cgactcgact       60
agacattctc caggcgcatt tcgccaaaac attgtctcaa cttgaatagt tgctttcagc      120
gtattggaat tctctataga tagttgactt cgtgcgcttc gtcgctgttg tgcgctctat      180
tagacatcat gattgaagac aagtatattg gtctggctct cgccatgaca tcggccctcg      240
ccatcggaac aagttttgtt atcacaaaaa agggattgat ccaagcagaa gagcgacatg      300
gctttgaagg cgacgggttt gtgtatctca agaatccctt gnggngggcc ggtatcgcaa      360
ctcttgctct cgganaaatt tgcaactttg ccgcatacgc tttcccctg ctatccttgg      420
tactcccctt ggagctctca gtgngctcat tggngccgtc ttggctctta tttcctnaaa      480
aaaaacttgg taccctgggc aaactgggca gtgctatttc ctgattggcg ccgntatnat      540
tgngctcccc ccctccaaa tgaagagatt ganaccgcca agaaaatttc atttggccat      600
tcanccaggt tttcttctat cgctttcgcc ggn                                   633


<210> 1052
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1052
cttgtttagt tcgagaaaaa caagatcaag atggcttccc tcaggactct taccatctct       60
aaccgctctc cgaagcaacc catcaagaac cttccagagt cgatcgaggt ccaacccgac      120
accaccgtgg aggacctcaa gattttgatc gcaaaggaga ccaagctngg tgaccacaac      180
cgtattggtg tntatgatcc cactaccaag aagaccctca agaaccgcan ggctcgcctc      240
gtcgatgagc ccgccgtagt tgcagctggc gaggtcctca ttaaggatat gggttaccaa      300
attccttgga gaaccgtctt cgtcgncaaa tacctgggtc ccctnatttt ccatgccctt      360
ttcgtcgcag cccgcccctt tttgtaccgc aatggagacg gcgacatgtc ccaaactcaa      420
tggatcactt tcgccatgat catgctgcac ttcgcaagcg cgagtacgaa actntttttt      480
gtacacaagt ttttccgcaa cacaatgccc tgggaaaaac atntttaana acaagttttt      540
ttntactggg cccgtctttt ggngctggct gngccttact catttaacaa cccc           594


<210> 1053
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1053
ctcgtttcga caacccaccc cataagaaga tatactataa acaacacata gagccaagtt       60
```

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```
aaagagccat tgacgctcta gtctttgtaa aatggcctct caagaatctc aaatgccatt      120
tattcgcaac ctcgcttcaa gcgatcgcaa actccgaaca gcttctctag agacccttac      180
aacattcctc gcctcccgcc catcccttc cgacctcgac gcccagaagc tctggaaagg       240
tctcttctac gccctctgga tgaccgaccg tcccctcccc cagcagcgtc tcgcaaccga      300
cctcgccaac ctcctcttca ctctgaagcc cgtctgcgcc atccctggt tacgcggatt       360
ctggactgtc gtcgggaatt cagtggaccg acatcgacgt cctccgcctt gaaaagtttc      420
ttcttctcgt ccgtcgcgtt ttcgcctcgc acgtgcgatt cctgagggag cgcgactgga      480
aggacggtga cgttgaaggc attgtnggga gtctggccga atttcctttc gataaggaag      540
gcgattgcga aagaacctgt gggcttanan tgca                                  574


<210> 1054
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1054
ctgagctcgt tactggatcc aagacagcgg accccggcgt caagaccgct atgctcaagg       60
cgctatacga ggttatcagc aaagctggcg ctaacatggg agaggcctct cgagcttctg      120
tcttgtcact tatcgacatg gatacagacg agagagatga gaccatgacc atcactaatg      180
ccaagctact gggcgcgctc atcaagaacg ttcctgaaga tgccgctctg ggtttgttga      240
agaaccgcgt ggccacccca cattttaccc attcttctgt tcttgctctg aactccgtcc      300
tggccgagtc cccagatgtt ctgcttcaaa gctccttagt cgacgacttg cccgacctct      360
tgttccaagg tgtcactaac aagaacgtct ttgtcgcgga caactgtatt cctgctaccg      420
gaaagtatct gctctcggat tctgcaaaga ccttgagaca acaaagggat cntcnaggcc      480
tggcttctgt taccaacctg gaatgcgacc gattcgtca cttgctcnat cctcgtcgta      540
ccgtcagccg caaagaatgn natggtcggn ccangttgc                             579


<210> 1055
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 1055
cacagaggcg actacagaga ctacagagac tacacagact gcagaggca cagtgacaga        60
gacagaggca cccaaagagc ccgtcacaga gaccgcagag acggccgaac ccgtcaaaga      120
gcccacagac accgagtcac cccaaacttc cggcgaaaaa gtcgacgagt ccatcgaagc      180
cgtcgaagaa gcctctgaag acgaagcctc cgacgacgaa ggtggctgga tcacaccctc      240
caacctcaag aaacaccaag cagcatccgc cggcgcagct ctccttcaa ctcctgtcca       300
aaaaacctcc aagcgccgt tctcacctct gattngcca tgcaaacgt cgctctacga        360
atgaacctca acctcgtcgc acctcctcg cacgaatcac acatctcaag aactgggttc      420
tacgctgcca cggntgcttc cagatcccca aagaaatgga caagcngttc tgtcctacct      480
gtggacaacc acactcatgc gcncaagttg ctccncngac gaacacggaa acttccaggg      540
tcatctccag aaaaaatttc                                                   560


<210> 1056
<211> 291
<212> DNA
<213> Fusarium venenatum

<220>
```

<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

<400> 1056
actgtccatg ccagcctaag cagagatctt cgattccatc acaagtgcac tccttgtcca   60
ttggtggtgc ctgtcgagaa ctctttgaca gcaacattgc cagcggtgtc agagtncgtc   120
aagaagcaca aagcattctc caganacgtg gtttcaatcg attctttcct cnaccanatt   180
ttggtgctga gttcattggc caaaccaaga naantcacag cgcgtggttg tgatggaaaa   240
aatacatgct tctcntcnaa ccccaagacg aatttcgaac ggaccagcgc c   291

<210> 1057
<211> 814
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(814)
<223> n = A,T,C or G

<400> 1057
atttgaacag ttaatccatt tcttagtcca ggtcgttgcg tgaatccttt ggttcaatct   60
gctagatttc cgcagttttc gaaagacact gtcacttgca tccaattctt tactaaacca   120
actcatcatc cactactaca actcgcttgg ttcagccaac ttcttaccgc tctctcgcct   180
ctcaccgtca tctcatattt ttaccgttcc ctgcgaacat ataaaccctt gggtttccat   240
caattcttac tacttttttt tttttttttt ttaccacaaa caaccgacat catgcctcct   300
aagcgaatcc gttgcaccgc cgctacttgc cgcgagcctg cccagcgcat cgtcggcgac   360
tgtacctttt gccaaggtca cttctgtggc aagcaccgtc tactagaaga ccacaagtgt   420
actggtcttg aggattgtaa aaagcagtcc tacgagcgta cgctgtaca actcgagtcg   480
gagcgaaccc aggttatccg gggcgtgtaa accgaccaaa gagatcacac atactctcat   540
aacagatgtg tcacggactg gagactggcg tcactcctca cgtacacgat gcgcgactnt   600
gacggccacg acgtaacgat gggattgggt ttcgacacag tatttgcatg aaaaganatg   660
cagggcgtta ttcgccattg tatatttcta tttcaacagt tgaggatgcg acggcgtact   720
ggatatgttt tgagggggca taattcccca ttctagcggg gtctgcatta aatcaattca   780
tcacaaatca attacttact attccaaaaa aaaa   814

<210> 1058
<211> 277
<212> DNA
<213> Fusarium venenatum

<400> 1058
cgcatggctc ctaacgagat tgagcgcaag attgacgcca ttactgagaa ggacattatg   60
gacttcgcca accgaaaact ctgggatcgt gatattgctg tcagtgctgt gggaaccatt   120
gaggttctct ttgactacca gagacttcgc aacaccatga gcccaagtt ttaagttata   180
gagggctagt ggagttgtga aaatcgaaac caggtatag agtgtatgag ataccgttta   240
caggcctagt gtccataaga attcctctgg tcatact   277

<210> 1059
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 1059

```
tcaaagtcca ttaacatttc tcgtacacaa aatctttcac aatggtcgac cgtcctaaca    60
agccttcggc acttgcctca accccgcag ctcctcccca agctgttgcc gacattaccc    120
acgacaactc ccgtgtcaag gccgttcttc cctcgggcga gagtgtcgag gtcctcctcc    180
atggtgccac cgtaatcagc tggaaggacg cttcaggagc cgagaagctc tgggttagcg    240
agactgctgc tcttgatggc agtgcccccg ttcgaggagg cattcctatc gtcttccctg    300
tctttggtac cgccctgacc atgaacccgt agccaaactt tcccaacacg gatttgctcg    360
caactcacga agggagttcc ttggcaagtc caccagcgag ggctcaactc tagcgtaagc    420
tcgactttgc ctgtcctctg agagcattag cgacgacttc aaggggttnt ggcctacaag    480
ttggtcttat tacagggttt ttttgacagc agagttttgg accacaattg ttgtaccaac    540
aacgggacac ccgtttgatt caaanttttt ttanacttct tnaaataang ttttgcttcc    600
anagttatgg tttgaggatt nttn                                          624
```

<210> 1060
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 1060
```
acggatagca aatagctact gtgcctattt actccgctga gatggcacct gctcgaatcc    60
gaggtgccct tgttatgttc tggcaacttt gggttgttat tggcatcttc cttggattct    120
gtgccaatgt tattgtcaaa gatatcggtg atattgcttg gcgactggag cttggctcag    180
ccttcattcc tgccttcctt cttatgatcg gcatttactt ttgccccgag tcacccccgtt    240
ggcttatgaa gcatggccga atttctgagg gattcgtctc catgtccaag cttcgtgccc    300
accccatcat cggtgcccgc gattactact actcgtatgt tatctatcac gaagaactcc    360
gcgagaacgc aggtgctggc tactttcaac gtctctggga ttgtttcgcc gtccctanga    420
tccgaanaac caactatggt gccagcactg tcatgttggc ccagcaaatg tgcggtatca    480
atatcatctc tttctacagt tcccncatctt tcgagaagcc gacttcacca caaacaanct    540
tgtanccctct ctgggctatg gactatcagg tctctcctat ccac                  584
```

<210> 1061
<211> 541
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 1061
```
gtataanaac atctaagatg tctctccang aaaaagtcta cgcgataacc ggtggtgcaa    60
gtggtattgg cttcgcaact gccaaagtcc ttgcacagng ngggggcaatc gtgagcattg    120
ccgacgttga catcgctgcc atgtcaagcg ctacggcata ctttaaanaa caaggcgttg    180
tcgcaatggt ttctcgagtc gatgtctccc agaggtccga agtanaaagc tggctggatg    240
acacagttgc aaaatatggg aaactcgatg gcgcaccaac gtggctggta taattggcaa    300
gcatcatggt cttcgggctg tancacacct ggaagatgag gagtggcaca agatcattgc    360
tgttaacttg acaggaacaa tgtnctgcct aagaacgcan cttaacagag tagtcgntgg    420
gggatctatc gtcaacgtgg catccattca tggtatcaag ggattcgcta aacacggtgc    480
ttatgacncc agcaaacatg gtntttttgg ctttgacaaa ngctgcngga aaanaaaacc    540
g                                                                  541
```

<210> 1062
<211> 438
<212> DNA
<213> Fusarium venenatum

<400> 1062

```
cagtggccga tcaggctgtt caggaaattg ttgcgcttta tgaacactct ggaagtgtaa    60
aggaacgggc aaaggtaaca gcaacggcgc gtggcgaggc tgctgagtgg gtggccagtg   120
ttaaggtcgt ggctacggat acgggtctac gcgtaacatc ggggatcttc gagcttacag   180
ggtccaagtc tacccaaagt aagattgggc ttgaccgttt ttggcgagac gtccgaactc   240
attctctcca tgaccccgtt gcctacaaaa atagggaact tggtcgctat caactccttg   300
gagaaattcc ggagcctacg tggtacacat gagagtaagt tctttggtcc cattgacaac   360
cgagggttgt cgggaaaact ccccagaaca atactatcgt ttgtaattct ctttcaatta   420
aatatatatt taaacaca                                                 438
```

<210> 1063
<211> 568
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 1063

```
acaaggacaa cgtcaagcag atgtggccca aggctggcaa cagccccatg tctggctgcg    60
agtctttccc ttgcgacaac gcctactggc tccctgacga cgtccagacc aaggtcactg   120
aggaggttga cctcatcacc accctcggtg atggtgccag tccttacagt gcttaggtgc   180
ccctactgnc attgcccaag cggccctttt tcttcacttc ttccctcccc ctttccacct   240
tttcatgccg cggcgttgaa caccgcattg acgatgtcat gaaccccttt ctacactaca   300
cgagtttcgt tttacatacc ctgaaagata cccctcgtgt gttgcaatac cgaggccttt   360
cgntatagac ctttgggctg gagcaagtgg cgcttatgat gatggatacc catanagaca   420
aggacaaaca ggattgagtt catacttgga atttcaacta tgaaagcggg cattttttcg   480
gcttntgccc atacggcttg angttttgga taacaaaagg tgaggtggcc ttgtttaata   540
ccaatttacc tnttggacta acatttaa                                      568
```

<210> 1064
<211> 437
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 1064

```
cttgcaacaa tggctggaaa gtttgagccc aagaccgccg tcactctcga ccctccaaag    60
gacgacatca tctccaagga ggagctcgcc aaggccaacg gcgctactga aggggggcaag   120
tgctacgtgg ctatcaaggg caaggtttat gatgtgactg gcaacaaggc ttacctccct   180
ggagcttcct acaatgtctt tgccggcaag gacgcctcaa gagccctagc caagtcctcg   240
agaaaacagg aagatgcgct tccagagtgg caagacttgg atgataagga aaaaagcgtt   300
cttaacgact ggatcacctt cttctccaag aggtacaaca tcgttggtgt tatggaggt   360
gccacaaaca cagagtgact agccgcgttg cctccaagta ctcacgtcaa gttatgaatt   420
caccccgttnn aaaaaaa                                                 437
```

<210> 1065
<211> 548
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(548)
<223> n = A,T,C or G

<400> 1065
cttctttctt cttacgttct aatctttacg gccagacgac nattaccttg ccatgcctct      60
gttggcttca acctcaatcg ccgccgcggc gcatgcgtta ccagtcacat tagctctgtc     120
gggtatcttt ggcagcatca gtttaacttc ttggatatgc cttctgctac cccaattgtt     180
cgccaactac aaggccaaga gtgctgatgg cctcagcatg gccttcctca tcgtctggct     240
tctgggcgac gtcacaaatc tcatcggagc cttgttcacc cgcctagccc ccaccgccgt     300
tgccctggca ggctactttt gtattgccga cattgtcctc atcggccaag ctgtttacta     360
caacgccatc aatgcccgcc gaagcgagtt cgccctgagg aacgagacca attgaccttc     420
ggaaggaatc gcctctcatc aaccgatcgc gccgacgaaa tctctctttt ggcctcccgg     480
ggtctcagtc gacgccatgc gacacatacc gagtcctcaa tgganccatt gaagaanatc     540
gtgaccgg                                                              548


<210> 1066
<211> 356
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 1066
naattttgga cgatgacttt tgaactctcg ttcccgataa ctccaccttt tcttcacctc      60
ctgccaaacg agccaagacc gccgccacaa tggaagctcc ccctgccctc caaatcaaga     120
agctctctga gaagggccgt cttcctactc gtggcagcga gttcgctgct ggatacaata     180
tctactctgc ccacgacaca actatcccan cccgtggaaa ggctctggtt gataccnata     240
ttaacatggc tgggcccgct ggaacttatg gccgtatcgc tccccgaaaa aggcctngct     300
tccaagcact ttattgacac angcgctggg gtatngatgc ccataccggg gccagg         356


<210> 1067
<211> 584
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 1067
ctggatgacc gactaccaac aactcagtca agactcattc ttaccactct ttcgaacaag      60
caactccaa actcgtcgga ttcgcccatc tccgaatatc tttccacaag cgatgatgaa     120
tttctttcct tgcgactcgc ggtgcccta tgcggtggca aggtggttt tggatcacag     180
ctgagagccg caggtggtcg catgtcctca cgcaagaaga agagccaaga ggatcatgga     240
tctagtcgaa atttggatgg gcgacgcttg cgcacagtga acgaagccaa ngctctggca     300
gtatacttgg ctatcaagcc tgaaatggag aagaaggaga aaganaaacg ccgtgagcgt     360
tgggagcaga tcgtccaagc ctccgaacaa aangaggccg agatcaagtc nggtagtaaa     420
atcggctgga tggccantgg gttgatgata aggaagaaan tatgaaagga nccaaagcan     480
tttggcggca tgaaggccgc actataaaan aactgctcgg cctctatgct ccatctacca     540
ccnggcacaa catctnttct acannaaaag aacctctctg agaa                      584

<210> 1068
<211> 536
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 1068
gctgcggcga ctgccagagc gcccgttgct ttcttctaca atgttgccaa cggctttcac      60
aacgcaccat caaacgtctt tgatgttgat gttcgccgcc gagacnaaat aacagggctg     120
gggagcggcg tcaaaaccgc agggaaggaa ttctgttatg ggatctggga tgcctttagt     180
ggcatagtcg tcaaaccata tgaagacaca aagaatatgg gcgccaaggg tcttggaana     240
agcctgttga naagcgcctt ggtataatan gcaatttggg ctctgcatgt ttcgggctcc     300
cangatatac cttgaaaggg ctaganaaag aattgatgaa acgttatatg acaagcctaa     360
agcaganata ttattaatcc nacttccgcc aggtntanaa gaatggaaga aagctgccga     420
aantnaaaag gaagaaatat ccggaagtgg aaaatattaa tattataata agtcttataa     480
gtntaattta nctagtgctt tctatcttaa aaatttatat aatttagatt atagtn        536

<210> 1069
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1069
cgcattgata caaactcaac gttgcccctc attgcagaac aaagaaaaat ggcagctccc      60
ggcaagactt ttattgtcga gcatctcgac cctgaactag gcccttggtc agagcttgag     120
tatctcgcca ttgctcgtga gactaaggat accaacggct cttttatcct ttccagtttg     180
cctcctactt tcaaggttcc agcagacctc gccagcaacc ctgccttcac tgccgagcag     240
cgtggcgttg aggagcttta tgctgccaac aagtccaagg tttgcctgct tgatccatct     300
gccgctaagg acctttctcc tgaagatggt gacacctttg atgccttttt gtttggtgga     360
atcctcggcg atgatccccc acgagaccgt acttcagagc tccnaaagaa gggctttgag     420
ggtcgcagac tttggcccca agcaaatgac gacagatctg ctgttcgagt taccccgtat     480
cggtgttcaa agacaaaggt gcctgttgac caggtccctt actggacttt ncccgagctc     540
aaagttnaat ggagcccgan agcacccgag atg                                  573

<210> 1070
<211> 547
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 1070
atcttctctc ttctacgaaa tgaagacaag aagactgctg taaactacct attcaacctt      60
agctctgact ttaccaagtc catcaaggcc aaggaggagc tcatcgtcca gtgtggacct     120
cgtcgcatgg tgatcaagtc cctatactct cagctggac agacaccaaa cgatgtccac     180
aagtactgcc gattcatcca cctggacaa tcagccattg cgactttcat gggtcctcta     240
acatggggtg ccgtgcctgt gctnttcttc aagcgaacca cgccgagga tgtcnagagg     300
aagagcggg aagatggcc nacattggca tgtctctcat nggacaggaa ccgncatcca     360
ccctcaacat cttgcgtcat cncaaagcgc atnattctta ccggcaccc tacatctaac     420
aagagaattg cnccntccga tacntgtttt cacanaaaaa actcgagtgg ttcaaggcct     480
tgcccctggg accagcgaga cncatnggtt attaagagcc tttggtccaa tggttctnaa     540
ggttctt                                                               547

<210> 1071
<211> 441
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(441)
<223> n = A,T,C or G

<400> 1071
cggtgtcact cccaaggatc agcttcagcc tctgattgat gatgctcttg atgagattga      60
gttcattcga ggtcctgtca cttctaagtg gggtaagaag cgtgctgagc ttggccaccc     120
caagcccttc aagctttcct acgtcgagat tggaaacgag gactggcttg ctggttaccc     180
aaccggctgg aacagctaca aggagtaccg attccccatg ttcctcgagg ctatcaataa     240
ggctcacccc gacctgactg tgatctcctc tggtgcctct atcgaccctg ttggtaacaa     300
gaacgctggg tttgacatcc ncgnaccgg aatcggtgac taccaccctt accgtgagcc     360
tgatgctctc gtngaggagt ttgatctctt tgacaccacc aagtccgnca cattatcgtg     420
aagttgnttt tnttacccca c                                              441

<210> 1072
<211> 552
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 1072
caagaaccac gacctggtcc gtctccgcca cgttggtact gacaagatcc tgctctctca      60
cgatgttgcc tctccttact accccaccaa ccaggaattc acagctgtca cacccgaaga     120
agctctcggc aagcgcgaga aggaaactct gtttgaggtc gctcgagcac ggnaagaaga     180
accaaaactt caagtcgggt ggcngncact ttaagcttat cacaaccaag caaggncggt     240
nttgnggact acaccaagcc tttgcttgag tggggttaca agcagcagga gataacggta     300
caagcanatg ngcccagttc cacggggggg ttcgttgngg nattggtttg tttctggcga     360
taaccttntc gccaaagccg acccaaggnn aagtttttc cttttcaaa anggtnaggt     420
taagggcttt tttttaccaa naagaggtta acaggngccc cctttgccag cttttaaan     480
gggcttttt gtccggggnn aagttttgga ntaaaaggaa accnccaaaa atttttttg     540
gaaccntttg gg                                                        552

<210> 1073
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1073
gatcttgtca tcatcgccaa cgacattttc gatttttcca aatattgcgc ttttgaggcc      60
aatacctttt ctctcttgga ctctctatca aacgatataa caatacttca taactattaa     120
caatgggttg gttttgggca gacnaagctc ccgntgttgc ggttcctgct ggtcatccag     180
cgactaccaa caaggctcct ccacccggtt gtcctatgca ccaaaagtcg gccgacgctt     240
tgaatcctac tgccaaaccc aagcctgccc agatcccgtc tacttcaaga tgccctgtcc     300
ctcacagtgc ccgaaacgaa gagcagccca gtctctgat ctcccanctc aaccctctca     360
artacatgtt cccgatctc tcccanaacc tgcgcctaac caagaattcg ctttgccgac     420

```
tagccgaaat gaatcaacca ttcccaaggg ctctggtgat ngcaactggg aataccttca   480
cctcaccaat gtcaatgccc cctgcncaag gttacctgat accnatatta tgccntccaa   540
ggcatggttc gggccaactt cctgaatgaa ggccctgg   578

<210> 1074
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 1074
aaaccattaa tttagacccc atctcttctg gatctttggt ttccatcaac gtttactatc   60
tattccttcc tttcttgtct ccatttcgcg ctctctaaga atcctgctgt gattctcttg   120
tcaaatctcc ttcctcgggt ttaattcttc aacaatgtct tctcctcgtc cttcctcccc   180
cgtcaacggc ggcgctgctg ccagcggtgc caacatcggc cgaccctcat ctcctgctat   240
ccctggtggt ccccgtactg ccatccgacg acgcgctgcc gccgaccaga aggagaagat   300
tgccaatgct cgaccaagca gcactcgcgc cgctggcgcc ggtggttcca gcagcaccat   360
gctgcgactt tacaccgatg agtcgcccgg tcttaaggtc gaccccgtcg ttgtccttgt   420
tctgtctctt gtctttatct tcagcgttgt tgctcttcac attatcgcca agattacccg   480
aaantctcca gctaaanggc tgcgaaaact catcaaattt cacgacaaac tcgaagaaaa   540
agggagatga tgatatcttg gggacctgct atttcttgtt ataaccatga atgatgggta   600
ggc   603

<210> 1075
<211> 570
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

<400> 1075
gcgccgactt ggtcgcctgc atgaggcctc agcctcctat catcagtgct gtccgcccag   60
acactttggc caaggcatac tcggagacca actacacatt cctgttcgcc cctgtgttcc   120
acaccggcat gcgctacgtt gcacctatcc gtaagcagct cccttggagg acagtcttca   180
acaacctggg cccccttggcc aaccctgtcg angacttctc gaagctcgtg tcattggtgt   240
cggcagacga natctcggcc ctgcttttgc tgaagcgcta tgcatggccg gtttcaagaa   300
agctctcatc atttgtggtg aagaagatct cgacgaagtc agctgtgctg gaaacacctg   360
tgctggaaag tcaatgagac aattctggaa actcgaggtt gaacattcac cgtgcaccca   420
ncacttggtc tgacactcat cccctcaacc anctcctctg gcaaggactt tctgaaacgc   480
anaaatctgt ccngatcctc cacaacccug ataatgatcc atctcnattt gtcttctcac   540
atgccgtctc ctgtccatct gtttctcaag   570

<210> 1076
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 1076
```
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```
tcgaatcccg gaacgatcaa gccgctgtgc ttagatctaa atgatctcga gagcgtcacg      60
aacgctgccg aaacgtttgc tcagcaggaa agtcaacttg atgtgctctg gaacaatgca     120
ggtactggag gtaccgcagt cgagattggg gcgaaaacga aacaaggtct cgagccaatg     180
gtgggcatgc attgcgtcgc agccttgctc ttcactcaac tgctcatccc tcatttacgc     240
gctgctgctg cgtcttcggt aagaaagtcg tctcgggtcg tttggacgtc tggctttctt     300
gcggaagcag tgacaccaac aaatggcatc gacttcgatt ttctcaagga aggtagttct     360
gaccgagtgc agaactacgg tgtttcaaaa atggggaact ggatgctgag tcgcgaaatg     420
acaaaccgct atgctgaaga tggtatcatt agcatcactc agaatccagg aaatctcaan     480
ggcggggcat acgctggtac accagctgtt gccatgttct tgatgaaagc tttcctccat     540
gatccgaagt ttggagctta cactgagctg tactctggnc tatcaaccga tatcaccanc     600
gagaataatg ggtgttacgt cattccttng                                      630


<210> 1077
<211> 573
<212> DNA
<213> Fusarium venenatum


<400> 1077
gctcagaaca atttctgcaa gcattgttct gatcttgaca caagatcgtc gggctcgatt      60
cttcatgcgc tgaatcgcct gcagcctcta ttcggctatt gcttctctat cgtaccgtcg     120
attaacagtt cctgttcaag cttcgaatcg aaacgagttg tagcgagacg tggtcgggct     180
atttgttcaa aatgacgtca tctgcttcta cagctactcc tctcagacct caacacgact     240
ttgaacttcg tgttgaagag gtcaaggccc ccaaaagtga tatcaatgca ttgattctgg     300
actatctcac catggaggga tatccaaacg ccgcagccaa ttttttccaaa gaggccaatc     360
tgatccctca ccaggagact ccctccatca ttgccaggca ggaaatacaa aattgtatcc     420
atagcggcaa cattcaaaca gctattgaaa cattaaatga tttcgatcca gagattttag     480
atgaagacaa ggcactgcat ttttctctgc tacgacttca acttgtcgaa ctcattcgta     540
cctggtaaca cacctgggag gcgatattag gcc                                  573


<210> 1078
<211> 823
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(823)
<223> n = A,T,C or G


<400> 1078
agtgttcatg ccgnggcgcc aacgctgatc ccagcgactg gagtgacgaa tacaaaaagt      60
tcctcaagat gtttgccgag gcgcagatgc acagtttcga gaagggctgg ggatggtggt     120
actggacatg gaagaggag gacaaccacc agtggagtta cgaatctggt ctcaagtctg     180
gtgttttgcc tgagaagcct tgggatcgng attttaactg cgataaagat gttcncgact     240
ttgaaaagat gggattgccc gagtatctct gaaaatacag aagggtttgt gctgcatata     300
ttataggttc tgggtatgaa aggtttgttt nggcgtttng ggtatgcatg ggattggtat     360
atagagcaag tatgtttggg ccantatgtc naggctttgg agagacgacc cggttgaatg     420
tncttataat caaangtnca gtacattgct acatgttaga tagatagtta ataagaacan     480
anagaaatag ttgccaaga agaaggcggc caagaaggag ggtgacgaag agtaaggtat     540
angacataa aatatgtgtt gaagaggtgc ggaaagacca aggatccaag gactggtgaa     600
accagaaacg cgagtcaagg agaatgcata tcggcagttt gggcaacga ctttaccacc     660
attggatggg ccatatacat gaaggaaaat atcttcatag gaaaactgtt ggaaggctga     720
aagggacgac tggaatcgcc aaaccngaca tcggccgttt tgatcaggtg atgtagagag     780
accagaaaga tatatataaa tctcacacag cctgatactg atc                       823


<210> 1079
<211> 467
<212> DNA
<213> Fusarium venenatum
```

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```
<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 1079
ngggcanttg ttgatgacac atccaagttt tcctccaagg acgccagtgc tagccccaag      60
acattgatgc gaaagtcaaa catgaatctt cgaacagtgg ctatccttcc tgtcacggct     120
ggcgtacctg ttgttgagtt tggaaatcgt ctcatgaacg cactcgctca agttggccca     180
gcaaatggtg ccacttccct caaccaggct gttattctca accatcttgg caagcatgcc     240
ttcaacaaga tgggaaagct caggctctct caatatcttg ctgacttgga agaaaaatac     300
cgcctggtgt ttatgttgca natccaatgt caactcccat ggacgcaact tgtntcacgc     360
aagcagatag cattctnttg gnggcctcgc anaangatcc cgcaatggng agtccagcgc     420
ttatgcttgg atgaatctcg gntaaaaggt ctggttttgt tctgcct                   467


<210> 1080
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 1080
caaaacacag ccatctcaac aagcaaagcc ttgcttgtcc catacgaggc tcaccatgtg      60
cggcaatacc acgcatggat gcaagatcca gacatccaag atgctaccgc ttccgaaccg     120
atgactttgg aggaggagta tganaaccag cagtcatggc gcacatnatc cgacaagctc     180
acgtttatcg ttngcgggcc cgtcacacaa nacacatcac tcgngaagtc cancacagnt     240
gatgctgacg ctctcatgcg tggagacatc aacttcttcc tctacccgtt tgaaagcgat     300
gatgaggatg atctacagat actcaaggct gggtcactgg cgaagtcncg tcatgatcgc     360
ttcaccctcc atcgcgggca aggttttgga caagcggagt gtgccccttt ttgttttntt     420
ccaaaacata tcgatgggat ccttgcaant atgaggcnaa agactcaggg tttgtggnaa     480
ancaaagagg gaaaaa                                                     496


<210> 1081
<211> 649
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 1081
cgcgagcatt atcgtctggt tctttccttc aaatcccaag ttatgaagca ctttcnacaa      60
gatcccnggg gctggctccg acaggaacgg cgctacctcc aagaggacca agccgctcgc     120
aatgctcatg gtaaagtttt cccaaggatc atgcctgcca aaacctnaaa gtcacctcga     180
caacgcggcg atcgggtcca gaagcccaa tccaccccgc ggccgatccg tacccaccct     240
tccgcggcc ccagccctgg cgccggcatc gtgngaccag ctcgtcgtgt tagtgccact     300
cctgagccgt ctcgtcgtgt cgttcctcc aacgtgagg ataaggactt tgcctcgctg     350
ganaattact gcccgcctct tgattcattg ccaaacaaac ccaacagtct canggtggag     420
tggagggtc agccactcga tctcagcaat gatccaaaca agatacacct tcatcccgat     480
gaagtgtcc tancaagcan cctgcgcctg gangntgcca cctacttgac tagnaagagn     510
cgtntnttta tgtcacgacg tgactgctac cgtcgnaaga aaaatttncg caagacggat     600
gcttaacagg gttgcaaaat tgacgngaac aaagccttaa aactggggg                 649


<210> 1082
```

<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 1082
cagatccgtg ataaggaagc gggtgctgtt aagaggtttg gcattgagaa gttccccgct   60
ctcgttctga tccctggtga aggcaaggac cctattgtct atgacggtga gatggccaag   120
aagggcatgg tcaagttcct cactcaagct ggacagccta accctattca cgctactggc   180
aacaccaaga gcaccaagag caccaaggcc aaaaaggacg acaccaagag cgctaagaag   240
gacaagtcca ctgaagcggc caaggaacct accgccgaat caaaggagcc tactgccgag   300
cctgtccctt ncattgttcc tatcgctact atcaagagct tagagaagct caccgaggag   360
tgcctcgccc cgaagtctca cacctgtgtc ctactcttca ctcctggcga agctggcgag   420
aaggctgttg agtcgctctt ccacctnaac accaagtacg ttcacggagg ccgnaacact   480
tttcccttca tcggcatccc agcgacagcg acgccggttt cactnttccc aangctcttg   540
gactcaacga caaggtcaac ctggattgnt atcaacancc gncgtaactt ggtgggnca   600
gtacgaaagg ggact   615

<210> 1083
<211> 580
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G

<400> 1083
ctcggcaatg gtgctctcct gacacccgtc cttcgctccc ctcctacagc ctacatctac   60
aaccccaagg agcagaacaa gaccatcgaa actgatgagc tctttgctgc tggccgacaa   120
ctcaacctcg tcactgtctt ccaggctcgc aactctgcgc gtgttactgt cattggcgcc   180
gctgagatgc tccaggataa ggcttttgac acaaaggttg ctcgaaaggg tggcaagcct   240
cagttccctg ctaaccgtga gtttgtcacc aacttgggtg cttggacttt ccaggagctt   300
ggtgttttgc gagtgaactc gattgagcac cgcctcgacg gcagcaacga gaccaaccct   360
gagatgtacc gcgttaagaa cgatgtttct tacaacatct ccatgtccga gtacgcctgg   420
aacaactggc aaccctatca cgcccccgaa ngcgacgttg tccagctgga attctccatg   480
ctgtctccct tctaccgcct ctcattgaag cccattcacg tcaacgaaca tganaacatc   540
tactctacca acttcaccct gcctgatcag cacnggcatc   580

<210> 1084
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1084
ngattggtca tgttggtctt cgcatggaag aattcaaggt tatctacact gccattcgca   60
aacaaaattg gcatatccct atcgccatct ttggtggcca tgcgcatgtt cgcgacactg   120
tccagtatga ctcaaatgct ttggctatag ccagtggtcg ctatttcgag actatcgggt   180
ggatgtcaat cgatggtatt cagaaagaca ttcanaaaag cagcgccaaa gaagtcgagg   240
cggtgcttc tgctaccttt actcgccggt acatcgacaa caacctctac ggcctgcact   300

```
atcacactgg tctcaacgaa acgacattcc ccactgagca tggaaagaga gtcagcaaga      360
tgatcactcg cgcccgcaag gccctccaac ttgactacaa gtttggctgt gctccgaana      420
cgttgtggat gcatcgagcc aagcacactg acgangacag tatttaccat tggatctcga      480
atcacgtctt gcccgatgtc atcccccgaa aagaccgcaa agacaagtcg aggntggctn      540
tcttcaacac tggnggnatt ccgatttgac atttttcaan gggnggtttt acaccaaaac      600
agcacttatg ctgggtgccc ttt                                              623


<210> 1085
<211> 1005
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc feature
<222> (1)...(1005)
<223> n = A,T,C or G


<400> 1085
ctcttgcgag agcccaagaa atcgaggcca gagtcaagga tgacaagggt gatgcggagg       60
atgccagaag ggcaaggtgg ttccaagaaa ttcgaaaaga tgcctcacac aacacatggc      120
aggatctccg gattttcgac gtcgaagggc ctttgcacca gagtctcgtc gacgtgctga      180
gtgcttatgc catgtacagg agtgatattg gttatgttcg gggttgcaat acaattgctg      240
ccctgctgct cctcaaccta cccgatgtcc cgtccgcatt cgtcgcactc gccaatgtgc      300
ttaaccgccc attacctctg tcttttata ctggcgaccc aggcgcacaa gcttccgctt       360
tcaaccttgt catgcagacg ctgtctctca agtcggcgcc tctgcacgcg caccttacca      420
aaaagatccc aactgccgaa cttgagcaat ccttgtcggg aatcctgaca gccatattca      480
cacagcatct ggccattgac gaaacaaccc ggctatgggg acgtgtacgt ctttgaaggc      540
gatgctctct tgattcgagc taccgtagcg cttctnctca gccgagagat gacgctactn      600
ggcgccaaaa cggctgatag aagtcaagac aatccttaac gaaagaaatg ccaaggtctc      660
tgccgccaga gttgctggcg aagtgggtgc cgaggacaaa tttatgatgt cagtccgtga      720
ggcaggaaaa gcttagcgcg attagcaacg ggctaccatt ttggaaaggc tcttggtctt      780
ggggcttgct tggatctaaa gccgtaaata tggtattaga tggggaacat attggctcca      840
ttttcatggc gtttattaca cggacttcgg atcttggata agatgcggag ggaatgttta      900
tgaagtattt ggagaggnta tagagccggt gtttttatct tcgtaattgc agttgaccat      960
aatttggaca acgagatttt gaatcaatat attttgatga tcccc                    1005


<210> 1086
<211> 414
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G


<400> 1086
atttaaggtt ttttttttga gttcatttca tttaactctc agggagcccg actttttat       60
tgaatctgta gccacctaag aaaatccata gccgcgttcc cagacccgat gaacgcaaaa      120
tgcaattctg aaataagccg gaatacgcca aagccaaccn ttccagacat gatacacctt      180
tgcacctttt atcggttgct cttggccaca cgctccaact catccttctt cttgatagcg      240
taagagttgc tagaaccctt agcagngttg ataagctcct cacaaggnac tcagcaatgg      300
anttgacatt gcggaaagag gcctcgcggg naccagtggt gagyagagag cccgttacnt      360
acgatgttag ccgacagctg aaggccatng acgctttcga ggctgaagcc ggaa           414


<210> 1087
<211> 655
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 1087
gcggaggata ttcctgctca gccaaagccc aagaagagca agaagagaaa ggcgggtgca   60
ccagatgacg aattactcga tactgagctt ggtctcaaca cgctcttcac caagatggac   120
aaccaactct tggctgatca tctggttcaa aagttgaccc gtttcggagg cgatttgagt   180
gctgtcgaaa tttcagacat gactgtctca gccaacgcca ttcaggacac gaccacatgg   240
caagaaccaa gaaccttgga caaattccct aatttcctgg agagcgtcac agagaaccct   300
gaactcttgt acaagtcagc caagaagaag ggttcgcctc atactctcat tgttgcggga   360
gcgggattga gagctgcgga tatcgttaga tccatgcgca aattccagaa caaggacaac   420
gcaatcgcga aactgttcgc caagcacatg aaggttgaag agcaagttca attcctcgaa   480
aaagcacaag acangtattt tgtgtcggcc acctgcccgt taatggatct tatggataac   540
ggngcgctct tcctcgatng gctgaaacgc ctggtccgtg gacgctttcc acattganca   600
aaaanaagcg tggcgttttg ggcatgaagg gcactnttga tgnccnttgg ctcgt   655

<210> 1088
<211> 814
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(814)
<223> n = A,T,C or G

<400> 1088
cgtgcctctt gtgaccaagg cacctccagc acgcagaagc acacccaacg ttcagcctat   60
cacttctcct ttccctggcc agccaggcac aagtgctccc ccacccccta gcggttctcc   120
ttacgggcaa cgaactggag cgactccgcc ccctcctcct cccaagggat ccgcgccccc   180
tcgagttcaa tctcccctgg cagctcctcc ccagaacttc caggctcctc caccagctgc   240
cagtggccac aacccttacg caccccctcc tcccgctgct ggcgcaatcc cttcgccaat   300
gccaaacgct ctcccacgga ctgcgtcgcc gtacaatgct cctcctgcca cggcacctcc   360
ctccaaccga tatgctccca ctcctgcagc ccagccacag caacagtata gccaaccccc   420
aggatccatg ccacctcctg gagccgccag ccgtcctccc ccagctggtt cgttcaagcg   480
ccccgcctca agcagttcaa ctcccnggca agtatgctag ctcgccatac ggtggctcct   540
cctaaccaga catccgcacc accaactggg gccacctcct atgaatcggc ctgggcctcc   600
tggaggacct gctggtactg nttctnccag gccaactcct ctnctnccca gtcctcagcg   660
ccttccaagg ccaggcatnc tgccggtgac cgatcacata tccccccaac gctcaacgct   720
tggtagacat ctgaacaaga tatgcagcgn gttgntttca aagcttctgc gacatttgcg   780
cctcaggtta aagatacaca agaagcgant ttgg   814

<210> 1089
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1089
gctcaatccc cacttnccat tccagccgta aaacccactg gctctcagtt arctgaccta   60
ttccattcca ttctgattct gtgcgactga cctactcgag ctttcatcca cattgccccg   120
gcatttgtag ttcttcactt tttaacccaa ccaagtcaaa ccgaaaaatt gccaccatgt   180
cgtcggagaa caaggaagtc gattacactc tggncaaccn agataccctn accaagtaca   240
agaccgncgc tcagatctct ganaaggtcc ttgntgaggt ttccaagctc gtcgttcctg   300

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```
ggctaagatt gtcgatatct gccagcaggg agacaagctc ctcgaggaag agatctccaa    360
ggtctaccga ggaaagaaga tcaataaggg ttttttccac cccaccaccg nctcccttcg    420
ttctacgtac cccctacact tccctcactt cgacgaggnt gaggggcagc accgaaatca    480
aaagatgggg aggntatcaa gatccagctt ggtgcacaaa tcgacgggtt cgggttcatt    540
gttggggaca ccgtcatcgt tcccccgaag acaagggcgg ngagaagata ctgggccgna    600
ctggcgattt ggtccttgc                                                 619
```

<210> 1090
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 1090
```
cttaaacaca actcgcatct tattacgcaa tactcgtttc tgaatgactt gacattataa     60
tgagcgaaaa caacgctctc atagtaggca tctcaggatg ttcttcaagc gggaaaacca    120
ctcttgcgag actactgngg gacattttcc ccaacacttt tatcctgcat gaagatgact    180
tttatanacc cgagaatgaa ttgcctacaa agaatggtct tttagactgg gattgtgccg    240
agtctctcga tatccctgcc atggctgaat ccctcgctta tatccgccaa cacgctgcct    300
ttcctcctag tcttgattct aaggaggata anaactctgt gggaaagtgt cctgtcccag    360
atgctataat tgaagcccag cgcgccaaag tagacgctgn ntaggacca naccacccgc    420
tccgnaataa ccttcgtntg tgtctcctgg acggatttnt tnttttttca ccctncatgg    480
ccgntgnaaa gcctaattta aacatcaaac tnttttgag aacgacgtnt gcaaaagccc    540
aaagcganaa aaaggctag aaatggatat gtccctcttg gaaggatttt gggcnggatc    600
ctccgggnta cgtggaanaa ancggtttgg nccattn                             638
```

<210> 1091
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 1091
```
gcgaactcaa ccttcactta ttagcctctc ccaacatcac tacgccagtc atgaaggtta     60
ttctcgcaat caacgccggc tccagttcgg ncaanatatc ggtatatact gcagataaga    120
atgcagagcc tcaccaaatc gccgaagcat cagttggcgg tctaactgca ccgccagcaa    190
ctcttgcgta ttccgtggc aatgaaaaag tgctcaaggc gaaggaggtt tctgaaagcg    240
tcaanaccca gggtgacgct tttgacctca ttctaaagac cttcatcgat gatagtgagt    300
tgaaagagat ctcttcaaag ggagacatcg ccatcgctag tcatcgtatc gttcatggcg    360
gcgactacga ccgatctcaa gtcatcactc aagatactta tcatcatctt gaanaactca    420
gtgatttggc accgatccac aatggcgttg ccttgagtat cgncgatact tgcatcagcg    480
cnntgccnag cagggtaaac gtcgcctgct tcgactcaca attccaccaa actctacctc    540
cacatatttta tacatatcct attgaccccc anattgcaaa agancaccgn tycgaaagtt    600
```

<210> 1092
<211> 585
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(585)

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<400> 1092
```
gtggatatcg ccaattaaat cacaatgaga cggcagatca tcgcatcggc ttctctcgca      60
gcgctagtca gtggtgctga tgtcgacaac tcgaagcttg acccgctaca gttcaagaaa     120
gatggtacct ttcagattgc catcttttct gacatgcatt tcggacaata tgaatcttcg     180
acaggccctg aacaggaccg caattcaatc gaggtgctca acaaagtgct tgactacgac     240
acgccagatc tggtagtcct caatggcgat ctcatcaacg gtgactcaac atggaaacac     300
aacagcacac actatatcga catgattgtt gagcctatga tcaaccgcag tctcacttgg     360
gcgtctactt atggtaacca tgaccataac tacaacatca atggtgatga tattcttgta     420
cgcgagcaaa tgtggccagg ggcacgcact cagaaaatgg tcaacgagac aaatcaggca     480
ccaccaatta ttaccttcca gtctatccct ctgactgctc cgatacatcc gaatgtancc     540
tcagcttata ctgtggttct tcgatagccg tggcggaaac tatta                     585
```

<210> 1093
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1093
```
cacgcgtgtc gacagcagcc aagagatcaa gaagctcgtc cccaaattca caggtcctct      60
cacgggcttc aaaggctatc acaacaagct tgccggttat ggccactctg ctaatgcttt     120
gagagctgtt tatgagcagt gtgttaagct tggtgtcaag ttccatctgg gcaagaatga     180
cggtgaagtt gactctttgt tgtatgcgtc aagtcgcgag ggtacaaagt gtatcggcgc     240
tcggactcgt ggangaagca ttcacactgc tgatacgact atcgtcgctc tgggtgctga     300
tgctgccaac ctccttcctc gagtcgggaa gcaaatgaca ggtcnggcct gggggtgtcg     360
cacacatcca acttacagac gaagaagcag ctcacctcaa gggaatcccc gtcacaaacg     420
tgcgagattt ggcatttttc tttgagcctg atctggaaga ccaagaaact caagttctgc     480
catatgggaa gtgctttta caaactactc tttcaccaaa agatggctct cacttccctt     540
ccccnaaatt gtctgattcn caattcatgc ccctcgaana caaaaa                     586
```

<210> 1094
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 1094
```
atccgatact ttctcgaaat ggtagatcag aaacaccgct atggaagcaa tctatgcaga      60
tatcatgaag tctggaagca aacagatacc aacgagaatt acttttactg gctcgactac     120
ggcgaaggtc gcaatattga gattgacggc tgtccgagag acagactcga aagagagcaa     180
gttcgatatc tttctcgtga ggagcgccaa tactacttag tcgaagtcga caatgaagga     240
agactatgct gggcaaagaa cggccagcgc attgatacta cagagcagtt caaggatagt     300
atgcaaggcg tggtaccttt ggatgatccc acaccagcct tcaatgctgc tgctcggtca     360
acagattcga attcccacga ttatgctagt agctcaagtt cggaatcttc actcgagtct     420
gaacgagaag cagaccgggc ggctaagtat gcaactcctg gttacgacaa caagcagggt     480
atgcacaagg tatcacagat ttcagcatcc acgatattca acaaaatgat gcgcaagtcc     540
gttagaaaaa acacttggat attggcgccg atacaaactt tcggatgnat ggtgggtatc     600
aaaggactcg ggcgcatt                                                   618
```

<210> 1095

<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 1095
tttttttttt tgatcaatca agctctgttt catttcattg acccagtcgc aaagcccagc   60
atacgcatcc tatatacata acctcccctc tacttttaca attgcctcat tcgtcagctg   120
ctttgtttag gttcggtcaa agtaagtcca ctggccaggg acaggcttct catcgaggtc   180
ctcccagacc ttggactttt ccattgtctc aaccagcttg agctcgccct cggcaacctg   240
gataacctcc tcgataagac cagctccgat cttctgctcg agctcatgga cttggtcaag   300
cggtcatctg aggtctcatcc tcccactcga ccttctcatg gtcctcaaga agcttgcgct   360
ccgccaggta gctgatcatc gctcgtgcca agcaactggg agtcaaggca ccaaccccaa   420
ngncaaaggt accacccgag gtttaaaang aaatggatcn gttttttggg ctgctttacn   480
ggtatgcatc ggaaggggga ttgcgttact tgcggtctgg ccataaatca tgcatgctag   540
agaataaaaa acgcnccgtg aacgac   566

<210> 1096
<211> 1773
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1773)
<223> n = A,T,C or G

<400> 1096
ctttccgtcc atctatctct ctttttttttt ttgggtagac ttttttccat tatttcctcg   60
tcactctctt ttgcctcaac ggcttttata tccaaactta actcacactc cttttttgaa   120
tagactttat aacagtctaa cgtggtgtga ccgtgctcaa cgttgtaccg aataaaaagt   180
atcaccacaa atcgatcgat aatcaactca atcagtcaac atgaaggttt catccgctgc   240
cgttgctgct ggtgccctcg ccatgggcgt tgaggccaag aactaccttg gtttcaactc   300
tggtgctact ctcgccaacc gagaggctaa gttcaaggcc gacttccagg ccgagttcga   360
gactgcccag aacctcaaga cctccccgg tgacttcaac gccgtccgtc tctacaccaa   420
catccaggcc tactccgagg atgaccctat cgaggctttc gaggctgcca tcgacaccaa   480
gactcagatc ctcctcggtg tctggacctc tggtactgac tctatcgaca aggagatcag   540
cgccctcaag aaggctgtcg ctaagtacgg ntctgacctg accgacctca tcattggtgt   600
ttccgtcggt agcgaggatc tttaccgtaa ctctgttacc ggtgtcaaga caagggtgg   660
tgtcggtgtc cagcccgatg ctctcgttga cttcatcgac gacttccgct ttgcctttaa   720
gggtactccc atcgccaagg ttcccctcgg ccacgtcgac acctgggatg tctggggtaa   780
cgccaccaac aagcccgtcc tcgatgccat tgacttcatt ggagtcgatg agtacccta   840
ctacgagaac gacaagggca acagcatcga caatgctgct aagctcttca acaaggcttt   900
cgatgccacc gtcgccgctt ctgccggtaa gccgtctgg gtcaccgaga ccggatggcc   960
ctacaagggt cctgactggg atgaggctgt tcctagcgtg aagaacgctc agaagtactg   1020
gcaggacgtt ggctgcaaga nccttcttca caaggtccca accttctggt acaacctccg   1080
tgactccaac ccgacaaca agatgaagtt tggccattac gagaacctct ccaccaccc   1140
cctcttcgac ttctcttgcg acaagattga cgatgaggag acctccagct ccgccgagtc   1200
caagaccaag acctccactg gtgcttccaa ggctacggc gatgctcact tacccggtac   1260
cttcgtcact gctactgctt ccgccaccgg tacggctct gacagcgaag gactccactg   1320
ctacggtac tggctctcg tctaagccca cctctggctc tggctccggt tccagctctg   1380
gtgacatga ctntgaattt ggcttcttcc gggtntggat ttttggctn tttcaagttt   1440
tggttcttcc ggttntggat ctttttggct ccggttccgc caccgagtnt gggttctttt   1500
gggttctgga tctggcaccg aggctggctc cagctntaaa actgacgctg ctgccgagac   1560
ccccagcact gtcaacggtg ctgctggttt gacnatctct gctgccgcta ttgccttctt   1620
tgccatgctt gctctgtaaa tgtcctaaat ggatctgggt tgaatgacgc ccattagccg   1680

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tgtntttttt acttatttct cgcacccgag atctgtttct tgtaatattt tatggataga      1740
ttacggatag acaaatgttg gctatttttt aca                                   1773


<210> 1097
<211> 537
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 1097
ctcgtccctt tttctcttca cgccactcgt ttcctgtcag gcttcattgt gaacttttcg        60
tccatacgcc agaacttttt acacctaatt ccaggaaata tcaatctata ctattccctg       120
ttgcatatct ccatcgttcg ccgagaaaac catcaanttt ttttttctta aacaaacacc       180
atccacaaaa tcaatcacag gatcctttcc aattacaaac taggtcataa tgcattccgt       240
taaggttctt tccgccattg cngcactcgg tgtctctgcg gtctccgccg ctacctgcac       300
cagcgacgtc aaggttaccg agcccacccc acaatcgact gcacagttgt caagggagan       360
atcatcatcg acatcatctc tatctccagt acttctattg aatctatcga tggcaacttc       420
cagcttgana aactcgaagn tctcagcaac ctcgattctc caccctcnag aaccttacgg       480
ctcagcttca tcaacttctc gtctcggaaa actgaattcg ttacgaaggt ttcctaa         537


<210> 1098
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 1098
cgaaaaaggg tggacgtgct tctcaaccaa cgacgatgag tattggcctg tgcatcgaat        60
catcaacaaa gacgtcgttt ggtgaattgc actgcactgc gcaaacagca ccagctttgg       120
cttcgatttc cttccctttc tccatcagcc ttccctctng gatcctttnc tttctcccaa       180
aagtctagtc cccgtacaaa acgaaggcct gcgtacctta ctacttactt acttgaactt       240
gntnggctta ncaacctttc gtcgctgtca taatattcgc tgcgcctcag ctcttcgact       300
tcgtgcagcc ctcgatcctc aaaccttgac aatttcgngc ccatagtcac gaccacaacc       360
cccatcttat cgcagccagg atcttcacag gaagaaatca tggcgctgtg tcaaaacaga       420
ttgcaagagg aaaggaagca gtggcgacaa aaccatcctt tnggtttnta tgccangcct       480
cacgcaccaa aaaangtntt ctcnatgtca aaaactggga atgcggaatc ctggaaagga       540
caaaaccaat tggnctgggg gcttttcaac ngaccatggg tttttctgaa gaatatccca       600
caaagnccnc caaatgcaaa t                                                621


<210> 1099
<211> 551
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 1099
acggaaatca gccatctaca caagcttcgt atcgtccatc gtgaatctta anccgcaaaa        60
cttccttntc accaanggca nggatggtaa nccaaaatng ntggtttcta atttnggact       120
```

```
gtttaaaaaa ctgaagggng gacaatcatc ctttggtgca actacgggtc ntgcancagg     180
aacttctggt tggcttgctc cggaacttct gctcgatgac aacccacaan agggtgctat     240
gatggaacta acaccnaagc ggctccngat ctgttttggc anacaacaat gccatgcccc     300
gacntgctac ccgagccatc gacattttct cgcttggtct ggttttcttc tatgttttga     360
ccaatggttc catccttttg actgcgggga tcgctacatg anaaaaatca cattcgaaan     420
ggccagtata attggatctt ctccactctc ttggtgattt ttcccatgaa gcctcggaac     480
tcatcgcatc catgcttgaa acngacctaa atgtcnccaa cagctnaaga attcttggcc     540
cccttcttc t                                                           551


<210> 1100
<211> 656
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(656)
<223> n = A,T,C or G

<400> 1100
tcgaaaatac cccgcctcga aaccgttaga gcttcctcct ttaacatggt cgccgaaaac      60
tacgatgccg tcctcaaggg caaatacccca ggcaaagccc atgcgaagcg cgtcgtcgac    120
ctcattcgca aagacgtccc cgatgccaac ggtattattt acctcgagag tcagttgact     180
cgcatgatgg aagatagcga cgagcccgaa cccttccgtc aacgacgata cttttactac     240
ctcaccggct gtaacctccc cgatagccac tttatctacg acatccaatc ctccaaatcg     300
acccttttca ttcctcccat caaccctgac gacgttatct ggtccggtct cccccttagc     360
atcgacgaag ccctctcgca gtacgatgtc gacgaggtca agctgaccac cgaactcaac     420
gctaccctcn ccacctnggg ccgnaaaccc aaaggccttc gcttttgcta tcgcgaagca     480
agtctctgac atgtgtcctt tatcgaggtt gggcaacaag aacttggacg tcctcaagaa     540
cgccatcgag gngtcgcgcg tggcaaagga cgaatacgan ggcgctatgc tgggnaangg     600
ccaactatat ntttggnatt gggacaaccg agctggcttt ggcnaaggna aaaggt         656


<210> 1101
<211> 564
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

<400> 1101
ctcgagaacg taacagttct tggtgacgat gtcactgtcg gagacgagat ctacgtcaac      50
ggcggcagcg ttcttcctca taagtctatc aaggctaacg tcgacattcc cgccatcatc     120
atgtaaggaa cgtttctctt cacgattta cgttctacta caactctgtt ggaggacaca       180
ccagcacatt ttctatctac attataatct cacgcacgac atggatgagg aaaaaggaaa     240
tcgaacaaaa ttcaccactc tcggaaggta tactggccac ctttttata ctaaggcggc       300
ctggcgggaa agaaattaaa gagcctgccc ggctatctat cttaatactt ttgtgcagtt     360
gtctcatgcc cctattatgc gtgtttatca ggcgtcaagg tcgatattta caggaggcag     420
gtaggcgaat aagccattga aggacaagac aagaacatgc agttaagcag gcaggyttta     480
tggtagcgtc tgaggaagcc gtgtgcaatg aatgcttttg ataccagtta ttgaattaaa     540
gaangtggtg caataccatt tgat                                            564


<210> 1102
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
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<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 1102
gggggacagc taccgttgac tacacatata cgactttgtt tttatacaac gacaaaggtt   60
tctcctcttc gaaaataagc cgaatcgtcc aattgcgcca atttggtttg cgcaaaaaca   120
atcgccatca tgaaattcct ccttcccgtt ctatcgttca gcgctgctgt caatgcgctg   180
cacttcttca ttgacggcac aactcccaag tgtttctacg aggagcttcc caaggatacg   240
cttgttgtcg gacactacac tgccgaggag tgggacgaac gagtatcagc ctgggtcaag   300
cacgacggaa tcagcatcta catcaacgtc gacgaaatct tcgacaatga ccaccgtgtt   360
gtctctcagc gcggtctatc ctccggccgt ttcacctttct ccgctgccga tgctggcgac   420
cacaagatct gcttcaaccc atcatctaac tccggccgta ctcatggctc tctgccaaga   480
acccaatggc ggatcaagct canactcgan ctcgtgattg gngagaccaa ccagattgag   540
ancaacgaca agggcaagat caggatanta cttcccgtgt taangncctc aaacgcccgc   600
ctggctgata tccgaanaaa acaaggtttc caacgtga   638

<210> 1103
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 1103
canacatntt atatgatcag gtcgaggagc tgctgcgcaa ggctgancan cgcctgaaag   60
atggctctgn ttctgntatc acagcaacca ccacctatnc tgctgtantc ccagcctcat   120
gctggcgacg ctgtgacata tgtcacgcaa naaaagtctt ccaacagctg cancaataaa   180
gatggtctga ctgttcagan cacctcccca accgctatcg ggactcaaag tcacggaaaa   240
gtctactgca ggctccgact ggttcgatct tcccaagacg aacatgaccc cctgaattca   300
agcgagagtg gcaagtcctc cgaatgcgag gcatcctgga tcctaaacac cagtaagaag   360
gcccttcgcg ccgagcgctc ctgaatactt ccaagttggc caagaatcat tcgggggacc   420
taaccgagtt ctttagcgca agggttgacc gcgcaaggag aggaagcaaa acatccttga   480
cgaggtcact aggggtattg atactcacaa gttcaccgac aagtacgctg gcatccaaaa   540
gcaaaagtca agcggaaaga aggcgtttta caagaacgta gtagcgacac gtcgcaagcg   600
taattaataa taattttatg cctt   624

<210> 1104
<211> 527
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(527)
<223> n = A,T,C or G

<400> 1104
aggccgaccg cctcaagaag cgagaagctc gcgaggccgc cgaagccgag gacaaggccc   60
anaanaagca gctggagaat gtcatggcca acattggtga ggatcaggct gaccatctgg   120
accactttga catgaacgag attgtccgag canaaaaggc tcaacgcaag aagggcaagg   180
caanaagaa ggctttggaa angganaccc gtggcggtct tcaggaagac ttcaagatgg   240
ataccggtga tgaccgtttc aaggctgtgt ttgagagtca cgagtatgcc attgatcctt   300
cgaatcccaa gttcaaggct acaaagggca tgacgaanct gctcgaggag ggcagaaaga   360
agagaagann tgtggaagag gaagatgatg cncctaaagt taagaaggcc aagaagggac   420
gaaggtgagt tgagttgatg taatgtaaaa ttttttgttga aaatcgtctt ggagttaggt   480
gattaaaagt tggtntttga tanccccattt atnaagcatt agttccc   527

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<210> 1105
<211> 511
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 1105
gaccaagtga aacaacaaga acgctgtgtn acacgaactc agttcgttgg aaactttggc   60
gaaccagtga aacaccccgc atcgaacaac ctatccagca gctcatgttt agaagcctcn   120
gtaccgaaac tcgtctctga ataaaaacaa tctgaaacga actccatttt ctattccgga   180
tcttttcngg taaganaaca gccgtaaaac gcacgggtgt gtctgtcaaa aaagtccatc   240
aattggttga tcacaccaca ggccggtttc cacagaaacc aaaatccatc ccnccngaa   300
acaancatgg ggtngtacag gtcaaagtct acnaacttgg tggaaanaaa ctcngtatat   360
caaatatacc ccgcgtctta ccaagactcc accggttctg gggttngtga tctcaaaggt   420
atcatctctc gagttgacta ccttaaagac ttgggaattg atatcatatg ggtttcaccc   480
ntcttcaaaa cccnccggtc natntggggt t   511

<210> 1106
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 1106
cactgaaccc cgattaccct agagacacgc aaccaacacg acacttataa caacatttcc   60
caacctaagc ccgtnattat ggcggccaac gatcagcaat ccgacatgct ggaagcgctg   120
caagagattc agcgcactca agccctactc gtgaatgctg tcgagtcact ctctggtaga   180
tcgatcgacg aagctactgg agatcatgcc aaggacaacg ttctcgatat tggttctagn   240
gaggatgcca atgagggcga aacaccttca gtagagcttc ctattgtctc cggagacaaa   300
ttgaaagctc ccgaggcccc taccgccgtc cagcgccagc aaggtttcac ttcgcgcatc   360
atcttaacga cttacccaaa gcagattgga attaaccctt tgcctatgga ctggggtaac   420
tcacaccctg ttaagcgtgg ccaatcgtag tttcaagggc tgctactact attcgacgtc   480
gtaatgctgt tggagcccat gggggttctt actcgatcta ctatgcactt gcagtcgcca   540
gcaaggagtt ggacaggggt caccgccccg ntttaccaac accgagccng gcggcaanat   600
tggncccttt ctnaatgggg aaaccaaaat   630

<210> 1107
<211> 585
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 1107
gaaattctcg gccgcaggaa atttnttttt tttttttttt tttttttttt ttttttttn   60
gttngaaatt gttgaattcn cnctcttagc cnccgcccac tctataggcc aggccgtanc   120
cttattgccn cggacccaaa ttgtataatt acatttgtcg atctgggttc ccttctgta   180
accactcgct ctaagccatc gtactattgt ttaaaaaaag cgtgtttcca gcttccaggg   240

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gttgttcaat tcgaacccta agggtgcctc tggcttgtct gtttgtcctc gtananttcc      300
tgtaanacaa cggtcacgtt ccatcatttg tctatcccgc cgtcnaactg attgtcagca      360
ttgttgctct ccagcgaaac aaaattgaac ttgtccaggc ctcgatgctt ggcagtatcc      420
tttctaacct tcttcttgtc atgggaatgt gtttcttgtt tgggcggcct cattcaccga      480
ggctcgtctg gcaacggaac caaacaggtt ttctcctcag ctactgccan anaacctgct      540
ctcttatnac ctgttcttcg gcctccttgt cattccaact gcttt                     585


<210> 1108
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G


<400> 1108
caagcttcga gatgcaactc tacttacaat aactctcgtt ggaaacttct tgccgaagct       60
ttctccttat tctgagcttg agtgtcggca agccaggtcc ttaacattac ccctcccggc      120
tcttacgccg acctaccttg acagatacat tatacagtac tcgtacacat caacctattc      180
accatgaacg tacgaccacc catcgatgtt tcaggctccg aggctgtctt gtccgtttct      240
ttcaacaatg atgcgagttg tttctctgtc ggccttgatt ccggtatttg tgtctttcat      300
accaaatcct gccttctcaa agcctcaaga gatttcaatg ccggcatcgg cctcgttcaa      360
atgatgggca cgactaatta cctggctcta gtcggcggtg gcaggtcccc caagtttgca      420
atgaacaaag ctataatatg ggacgatatg aaaggcaagg gtgctctaaa aatcacgact      480
ctcacagcag tacgcggtgt tcaactgggt agggaacgta tcgccgttgt cttgcaaaaa      540
caagcgtccg ggtctactct tcactaaaca tccagatcta ctttatatat accaaactgn      600
aaaacaacct tgcanggcct gtgctntntg tcgaa                                 635


<210> 1109
<211> 390
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G


<400> 1109
argnngatcc actactctgc cagatactca gacagtgaat atgagtaccg tcacgttcag       60
ntcccaaagc catgctcaag gccattccca aagattacca cgactcttta aagggaactc      120
ttaagcttct ggggggagg aggaaanggc gagcttttg gcattacttn aaagtctagg       180
atggggacac taccgaagtt caacgagcna gaaccaccat ttttttttta agcgcccgtt      240
caacttccaa cccctnagna atcgatagat cccccacgac tnanattccc ccttaaagga      300
ccatacatat ttatngcccg gacccacctt aatgggggtt acactnaacg ctaaccaagt      360
tcgttatcgt tcgngatttt taccccgtgg                                       390


<210> 1110
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G


<400> 1110
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caattccaaa tctataaact cgccccgagc caatgcttca acccttaacg cctatgatat      60
gcttccatga tcgtacagat taaccttagc agtattaaac aattgaagtt ccaatcagtg     120
tccccacaag ccagccgcta accgtcctcc ctatcgctat tcccgtttgg catactccgt     180
gagttttcat gtccatcatg ctgcatcaca tgcatgagct accatagccc tgccagatgg     240
catatgctta ccacgatcct acggcccgac tgcagtagca acatcctgct gtgtacccat     300
ccgcaaagcg tggcatggtt tcacaccacg gccttatgat gaaaactgta tttccagtcc     360
aagcgtccgg aaaggcttgt caagcttcct caggtcgatg ctactaccca agctgaacag     420
gaatgatttg gcccgccctt cccacagcac ccctattcgc atgttttggt ccatccgggt     480
tttgagcact ccagcatatc tctcctctcc nggcttttct ggttcggtct cttctttcgg     540
gggcgggant aggaagcaac aatggcttta cagcaact                             578


<210> 1111
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G


<400> 1111
ttgcaacatt tttttgatac ttattgcgaa acctgctata actactcata cttttttttt      60
tgtgactgag ctccattgta tcatatccaa gcagcatatt acaagacact tatcttnatt     120
atgcgcggca tccaaatcac cgaatatctc aagggccctg atcagcttca ggtcactgac     180
ctacccgatc ctaagccctc ggaggatcaa tatctcatcc aagtacacgc cgcagcagcc     240
aacttttttcg acattttaca gatccaagga aaataccaga accagccccc atttncttgg     300
gttgccggcg ccgaattcgc aggcacaagt tatcgctacg cctgtcgatg gctccaagcc     360
caagttccct gttggatcgc gtgtctttgg cgcgtctcag ggtgcgtttg cgaccaaaat     420
ctgtgctatt gaggacactc tgctgccagt tcctganggc tggtccttta angaagctgc     480
tggtctgttt gcaccgcccc cacaagttac ggcncactgg ttgtganggc aggatcaaa     540
aaagggcgac tattttctgg tccatgctgc ccgcggggggg tgttggtctt gcggttgtta     600
aagggncaan g                                                         611


<210> 1112
<211> 340
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G


<400> 1112
ttctgcacag ctgaagtcat tgagccgaac tggaacaagt tcatgtctcg tttaaagaca      60
aaggatgaga atgcggattc aatctcggga acttcgacac ggaccgtaga tgagcttatg     120
caggaccatg tcgacttctt ggatacgtgt ctcaaggaat gcatgcttac caatagtaaa     180
ctactaagga ttcactccaa actcatgcag acgtgcacga tcttcgccgc tacacnaatn     240
ggctcacacg tgagctcnaa aaghcanacc aanacntttt aggccccaaa aaaccctaac     300
natgaagagg gatnagggga gccttncnaa agaaaaaagg                           340


<210> 1113
<211> 706
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1).. (706)
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<223> n = A,T,C or G

<400> 1113
tttgatcggt attagtctcc tcaagtcccg acttncacca gccaaggacg caacggcaca   60
ccccaacttt atgatcttca agagcctgcc tttcctgttc actaccatcg gcgtcttcct   120
gctcgaattc tcactcttca tccctctcgg atacatctca acgtatgcgc tgcacaaggg   180
cttcggaaaa gatttttcat ataacctcat ccctattctc aacgctggtt caagtcatcg   240
gtcggcttct tccgggttat tatgccgatg tgatcggtcc tttcaacgtc agcatcctcg   300
ccgtcatcct tgcatcgtgg catgtttctg cgtatggctt ctctcggtgg aacgacagct   360
ggcgttatca tcttcgccgg ctcttcggtt tctcctctgg tacttctatc gcatcgcacc   420
tgtttgcatt gggcggctgt gcaagaccca ggagtacgga cgatactatg cgacggcgta   480
cacgaatgng tcttttgctg gctgattggt attccatcgg tggcagtatt gtccaagcca   540
atggtggcga agtactgggg actcattatc ttaactggcg ncanttatga nggtctatga   600
nctcgctggt cttgggcaag gtacccttnt tgggctgnac aantggaaag gccgcctttt   660
gactactcaa aagccgacgc atatttacaa cgggcccctt ccaaaa   706

<210> 1114
<211> 556
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 1114
aatgctttcc agggcttgag gttatgtacc tcttcgcctt tgagacaact tcgtgcgccc   60
ctccaacaaa cgtccaagac gctggatgcg acccgacgac tccaaaatgt ccgagccttt   120
tcgacnacct caccgatgct gggcagctgg ttggaaccga atctgaaccg aaagaagaan   180
atggccaagg gtcgaccgcg tgtcgcaacg ggtggttcta ccaagggtac aacggtgctg   240
tttggcgaat ggggtctccg aatgacggat caccaccgaa gaatcagcgc aaagcatcta   300
aagatgccga ngacaccatt aaagtgcgac ttcgaggaca aaaataccgg ctatataagc   360
gaaagaactg taacgttggt gtttacntca gcggtaatga tatgcntatg ggtnaaggta   420
agggtctttt gaccattggg ccaccgaatt tctgttacca aattttgttc gaaatccgaa   480
gaaaacttca caaacaggtt tnaaggatcc ttccgcctng ctggaaacaa actgcctggc   540
cagtgggaat ttttaa   556

<210> 1115
<211> 815
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

<400> 1115
caggataata ctcctcggga tcttccgcag aaagtcagc gttggatcac aattcgacag   60
gacactcact cgcagtccca acttagtatc tatacgcgct gaatcggtat tattcacaag   120
cgcaaagaga cacgaccgag ggacctagaa ataaaaagca aaagcaaaaa gcaaaacaaa   180
ggaatatcga taggtactct tatctgcaaa attacgtctc tacacgtcct cgtcacatat   240
atcgtcatcg ctcggacagc tactgcagct gccaactcaa aaaagagact tccaatccaa   300
caagctcagc ttaggtgtta caatctcctc cctccgacct gtcacttcta ccggccccac   360
gctgctaccc cggagctgtt cggcatcgtc tctcttcgta aaacttggt acttcgtca   420
cgagatcata gacatatatt atagcagaaa tgtcgccagc tgaggacaag agcgagactg   430
ccggcgaggt cgactttggc gataacatcg acatgctcac tttcagccaa atcctggaga   540
tggacgancc ggatgattct gaattcagtc aatccattgt gttcgggttt ttcgaacagg   600
nagangagac ctttgaacan aattaaggaa gcactggaag aagaggatct cgagaaacta   650

```
tcttctcttg gcacttctca agggttcatc ggcgacacta ggactcgtca agatcaggga        720
tggatgcgaa gcgatccagc gataccgcaa gaatgaaaac ttggacggnt cttcgcaatt        780
ggacaacgag aaatgtgtga aagctcatgg cgaat                                   815


<210> 1116
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 1116
aagaccacca ggtcgtgctc gaagctctcg gggaatccaa attcaattac cttggtcttt         60
cttacggtac ccttctcggg tatacgtatg catcctgrr tcccaagtct gtcggccgaa        120
tggctctcga tgctatcgtg gaccactcgc aatccgagat cggagctctc ctcgcagagt        180
ctacaggcta cgaatctact cttaacgagt tcttcgattg gtgtgacaga aactctacct        240
gtgctcttca cggcaagaac tcaagtaatg tatgggacca ggtgctctcg cgcgcagact        300
caaagcccat accagcacca ggctgcaacg gcacatgtcg ctccaatgtg aacggcgaag        360
agatccgtta caacgcacaa agcttcctga cattccaata tctcactttc ggcctaactg        420
gctcgatctt gcaacctctc ctccagctag cagagcaacc aacagctcta tccacaccac        480
cctaattccg gatgtcgana ccnacggtcg ccgtacaata tctcccatgg agtcanacgg        540
ctccatctaa aatcgtgatt ancngaactc tcaccttgac ttgccac                      587


<210> 1117
<211> 447
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 1117
gacattggta gcgaggactt cactcttatc tgcgactgta gtttgaatgc tatgtttggt         60
ttcagctctc agcttcgtgc cgctacccag ggcaagggcg agttcagcat ggaattcagc        120
cactacgctc ccgcccccc tcatctccag aaagagttgg tcgccaagca ccaggctgag        180
attgaggcta agcgaaccaa ataaacaagt cgcaggactt ggaagagaat tgctagacac        240
atcagagatg tgatggccga ggcgcaatcc atattgcgcc aatgtacaat acaaatgaac        300
gggtctatga tcttgtaata taatgtcaca acgactcctt acnaggggtt tagaggtcca        360
cgacagatag atgagtagta gaatctggat gagggtgcca ttgtnataca aggcgttgga        420
aaagtggaca aatataggtt tcantnt                                            447


<210> 1118
<211> 672
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 1118
tctgaatcac agcactcatc gtccttgtca actgctgccc atttgatgtt tgaagaaatc         60
aaagttgaaa ggcttcttat actcaaccga ggtttttagt ggtttcagag agaaaatatc        120
gaattcaagc tatatattca ttgttttgtt gcatcttcct aaactcccct cccccggctc        180
```
- 449 -

```
aaccctatgt tgcgccgtgt cgtttccatc atgacatcgt catccccgaa acgtttcata    240
ccgttaaaga agagaaacca taatcttcca gccagcactt ccagccttcg aggtgtggtc    300
tttgatatgg atggcacact ctgtgagcct caaacttaca tgttcaagga aatgagagac    360
atattgggga tcaacaaaac aacggacatt ttggaacaca tcgaaacact cccaacatcg    420
gagcagtcag aagccctgga atctatccgc aacattgaac gaaaagccat gaagactcaa    480
actcctcagc aggcctcatg acccttatgg cgtatntggc accaacgcca tccccaaagc    540
aatctgnact cgcaactttg acgntcctgt ncaaaattga tggacaagtt cttgagggct    600
ctcgnttnat caattgtcac acgagaattt cgncacccaa accgatcctg gcggnatttt    660
gatattggcc ag                                                       672


<210> 1119
<211> 592
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G


<400> 1119
ggactcttat gccaccaagg catcgaatct caagaaaaca gccattctgg catcgaaaga     60
ggccaagcga tggcaactgc gaacaaacaa aggcaccaag gatcttcaag ctcgcgcgaa    120
acgtgtcatg cgtgatatga tgggctttgg gaagcccaac aagcaaaagg agcaaaactt    180
gcccaaagct gccaaaaagc aggaaantca aaaacgctcg caaaaaaaaa gccgaccgtg    240
aaagccgctc gtcaaaagaa aaaagcttaa tttccttatc tctcagaccg agctatactc    300
ccactttat cggcaagaaa gatcaagacc gacgaaggtg gaacgaaagt ncagacaacc    360
ccgacgtcgc caaggatgcc catcatgccc aaccagaaag atgcttgaca ttgacgancc    420
tactggccct gttatcggca aggtcactaa ctttgaaaaa cctcgatttc gaaaaaagta    480
gtgatgaagc tctccgtgct gctgccatgg ccaacgctca gaacgccatt gcagaaggcc    540
agaanaaagg tcgcgacttc acaaccaagg nttggacatg gatgatgaag gc           592


<210> 1120
<211> 806
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(806)
<223> n = A,T,C or G


<400> 1120
tggcaataga aacaaaaatc tgcaacatat tttattgact ttatgtgaat tgttttttgct    60
tctaaaccat catgattctt atcagcggcg tttgtctccg aaagaccgtc actagtagcg    120
ggttacacac cgagcaaaga aggcgacggc atcgcctcgc taggagagta aactctccat    180
taaccaaatc aagtaatgaa actacgagtt tcaattgatc aaattcaaat aatcaagcgt    240
caacaatatt aaattcttga agaactgaac tcatttgact ctcaccctac acttgactac    300
cttatatatc acgagcgaat tacccgagct ttctgcgaca ccatcgacca aaacgatctc    360
acttacac ttgaagacat cgtgaattcg atgcgtcatg tctcttggag aacttgcagg    420
cagccttca gcttttagt agtccaaaga gcatcgttat ccaccatggc ttcgtccngg    480
cgttgctata atgacgcaat tgatgcgctc aattccttca aactcctttt gatattattg    540
aagctcgcag gaaagctggt ataaaagccc aatgctgtat caatccaaga gatgaagaca    600
tatcttcatc gnatcngata tactncatct gatttgacaa actcaacatc gtcatgtggc    660
aggaccaag gcaaaggtgt cttgccatt gqcgactcca tcttttttaa tatnagcacg    720
caagaggcca ccttacaaaa caggcttntt atatnccttt acctaanact gnccggagc    780
gcatcgtata anttgaaccc tatntta                                        806


<210> 1121
<211> 535
```
- 450 -

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 1121
ctctaagtca tgactccct gtacaaaaag acccttgtgc tcggtgcctc atcaggcatt   60
ggggaggccc ttgccgccaa gctcatcgcc acaggcacca aagtcattgt cgttggcaga   120
cgacgtgaga atttggaatc ttttggtagc aagcatggtc acaaaaatgc caaggcagtt   180
gtctttgacg tcaccaattt gtctgctatc aaagacttcg ccgagtccat catcaaatct   240
gacccagatc ttgattcggt cgttctaaat tcgggcatac aacgaggctt tgactttgc   300
aacctgaat ctatggatct gagtgttctt ggcgacgaac ttaccaccaa ttatacatct   360
gccgtttact taactgcagc gtttattct catctaaaaa aacaggccag gggtcatctn   420
atctacgcag cgctactctt ggnctgattc cttccatggg gcgcacgccc aactataatc   480
cctccaagnc cgcacttnat acctttatnc tcaatgcgcg taacaacttg tcgat   535

<210> 1122
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1122
gtgataacgc tcgagcacgt gaggctctac gccagtgtct acccgaacca cttcgcgatg   60
ccacctttc ctctgttctc cgcgacgatg cagcaaccaa gagatgcctt gcccagctac   120
tcatcaacct atcggataat gtcgtacacc ccaatggtgt cggcggttcc agcatgtaaa   180
aaaggcgacg ctaatatctg ggagactcag ttctccttgt tgtgacaata cccttgtgca   240
ttgatacggc gattgatgaa ggacggttga atttattta tgatattctg ggaaaagcga   300
agggatcaaa agcatgttgc atcgtttgat acccgcaacc cttccggctt aatgcgcaga   360
gagaagaccg acattccagc agagcgactg gctgncttnt cttccaacgt cnccgctgat   420
ggttatgggg cttgcattct gtttcacata tctcgaaact ggatcaaaag cttatatcg   480
gtttgccatg gaacaacact gccaacaaaa gggcctctgc tactcttgtt ccgccttgg   540
atctcggccg ntggacccaa accataangg accttnattt tgngaatggg ctccgcgtga   600
atatactcaa ggaanatcta ngggngga   628

<210> 1123
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 1123
ataggacgtt ttttttttgt tttttaaca tctctcgaac cttactgaaa tctctggtct   60
tatagtaacg ntattatcca ttcttttgaa cctcactctc ctcaatcctt ccatcatggc   120
atctccaga accatgtcac ggacattggc cgctctcact cggcctgtca cggaaacatc   180
atccgagca gttccacgat ggactcgttc aatggtcact aatcgatctc ggattccttc   240
catatcttct ggattgcgac cacttgcgca acgacagcgc atcgtcaaga cagcaacgcc   300
aagcctcgnt ggcatcggta gcggcgtccg aaccatcttc atccagacgg agaatacccc   360
gaaccagat gccctcaagt ttctaccaaa ccatcgagtt gttcccgaag aattctctac   420

```
gcccttcatc gaatacctca accctcgagc aacgatctct ccccgcatc cctctcctct      480
agccgctaag ctcatgaata tcgacggagt cacttcggtc ttttatggtg ccgacttcat      540
aaccgtcaca aaagctgccg acgccaactg ggcacatatt cgccccgaga tanttgcact      600
cattacagaa ac                                                          612


<210> 1124
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 1124
gtgctgttga tatggatgaa aagaaatcgt cgctcccgtt tgtcgggatt ccgatgcgcc       60
tngactgccc gcgtaaccgc tactntatng ttatccttcc tcgcattttc accatcttcc      120
gcatccagcg atttcagtga ccggctccac gataacatta tattacctcc tggtccagnc      180
cttccatcan cccccgaaat tcctgaacct gcggagcaca cgttcagtct ccgtcacata      240
taccatcatg gtacccatct ccatcctanc cttcatngga agcgggatgt catccatgac      300
cagacaaggg tttacctggc tgcagaagac nattttgacg aatatgatat tcttcgattg      360
aaagccaaga gtcnccccga gacaatccaa cntttatctg atcgaaggcc gtcagttgtc      420
naccccatgg tggctgagtc gcgacagcga ggatacncag ctgttcttga tgcatcagcg      480
gggaccatgg atcaagtttc atctcctgat atcaangata aaggacactg gtctcaccct      540
atctnttatg actgccaacg catacgtcna ncatgatact gatgcctatt gggangatgt      600
tggaaaaccn atggaacccc agcgcccntt t                                     631


<210> 1125
<211> 689
<212> DNA
<213> Fusarium venenatum

<400> 1125
cccaaagcct aacaaagttc ctaaacaact ttccaactac taccaaatca cacattttcg       60
agtaattcct cgtcttcaca accgacaaca tgcctttcac cgctagcgac atctgcaaga      120
tcatccttgc catcatcctt cctcccgttg gtgtcttcct cgagcgcggt tgtggtgccg      180
acttcttcat caacatcctc ctcaccattc tgggttacat tcccggtatt atccacgctc      240
tatacatcat cctgaagtac taagccttac cgcacttgac ttctcagggc tacagcgcat      300
cccaaatggc ttaatgagta ccccgcttcc caacaaccga caacaactgg tcagccatcg      360
gttgtcctgg accaagcgac attctgtctg acagccaaga caccaatgac tgccgtgtca      420
acgggtacg cgcattcgcc cggaagtttt gtgtttctgt ttgcgcaacc ttggcttcgc      480
tttgatacct tacgccggtg atccgcgctt acgagtttgg acgccgattt tatgacaggc      540
atggacgcga tgcgatacca gttccttatt ttctttggtt tatttgcgga tggaggcgca      600
tgctggattg gctcttaagg cataatgcat tgggcttttt aagtaattaa ttcgataccc      660
gtcaatccaa cgtttccttg acatcttaa                                        689


<210> 1126
<211> 474
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 1126
cacgaaaccc gtcgctgcga ttgagtccct catcgccctc ctaaacgccc aaccttcaac       50
cacgtcttc gagatcctcg acacagtcaa agtccactcc gatcgcctca aggcctccgt      120
```

```
ctcgaacccc gtgcctctat ccgccggaac agatctcttc ctccagtacc tcgtttcttc    180
tctccgacaa caagatggta gcttcgacgc cgtgaggcag catctcctcc gcaacggacg    240
ccttttttgcc agcgtgctaa tgccgcgcga gagggtatcg cggatgcagg atggaggctg    300
attctcgagg gccagtgcat tcttacacac ggtgcttcgc ggccgttgtt ggtatcctgg    360
atcgcgctgc taaaaccttg gtgctggcaa gttcaaggtt tctacgtgcg cgangaaccc    420
gtgtcgagga gagcgatcgc gtatccgtga gcttccttaa agggaattcc cgtc          474
```

<210> 1127
<211> 454
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 1127
```
catcatgggc tgtaacaatt tgttgaaggg acgatgggtg tgtcacgaag gagggaagtg     60
gtatttgtag gtaccttgaa cnacacaaat atgaggtana tattgtatca ggcgctnttc    120
tgcggtcact gtgcagcttg ccacaaccat gccganaatg tctgccacag nggtggcttc    180
ataggcttga gcggaagcgg tggaggttta agcnaagctg tttgcgtcaa tgctacacat    240
gtccatcctc ttcctnnaga tctgcctctg gagattggag cccttgttga gcctctctcg    300
gtttcttggc atgcgatggc cgcggcgcca ganatcaatc ccagttccaa ggttgtgatt    360
ctcggagggg gcccattgct ggccatgatt ttttgtntta aaacaaangg cgtcagagaa    420
atattnttta gagntgctca tacnacanac tttg                                454
```

<210> 1128
<211> 441
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(441)
<223> n = A,T,C or G

<400> 1128
```
nctttcaacg acctgttaca tacgcagcct gcttatttat taattaatta acgtcatctt     60
cccatcatgt cgactctcga ggagctcgat gatctcgacc gccgagacan ggaggacaag    120
aagagagaag gcgacgacaa gaaccagaag aagcatactg ntggcgacgc cgacatgaaa    180
gatgctgaag aagaggatga tgatntcctt gatgaagaga tcctngggct tagcacacaa    240
gacattcana ctcgcaagcg tctgcttgag aacgactccc gaatcatgaa gagcgagctc    300
tctcggttat cgcatganaa ggctgctatg ggcgaaaaga taaggaaaa tctggacaag    360
atcgccaata acagacaact cccatccttg gtggtaacgt tggtgagttg ctcgatctcg    420
accaactggc gaatcatcag a                                              441
```

<210> 1129
<211> 501
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

<400> 1129
```
cgccagagta gccaagaagg ttgatgtgcg aagactcaag gangaattgt ggaagggtat     60
ggataatgac attctcqgga aacaacccga accttcagca tcacctgacg gcgatttcaa    120
```

```
acaggaacag ccactcaagt ttacagaagt catgaataac ctgcaaactg tataccccaa      180
accggttatg gatgacatct ctacatcgta ctgtttcatc tgtctcctac atctagccaa      240
cgagaagggt ttgatgattg agaatacgcc tggtctgtcg gagctggaga ttcgcaggga      300
ttggtcggcg gagattgttg atggcgaata gtaagancaa ttttagactg cttggttgtg      360
tctatgtttt tggggatgg tttacttgac nagtcatgan acacctgcag acttcattcg      420
aaaaacatct agggaangca tggaanataa cctgatgata tcctggccnt tnggganaa       480
atccaaaata ggccacattt a                                              501


<210> 1130
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 1130
atcaaccttc acgtatcact ttcaccgatc accgcgacga cttccaaacg acatcacgac       60
aaactgaact gaacttcgat atttagngag gctcttttag gagagaccag ccctggttca      120
gcaagatata ctctacgaac cgaangggca ggcaagctag ctagctgtgc acgtcaccca      180
tattccccga ttctaccgac accacataca caacagccaa catgagtaac gacgctattg      240
ccgactttct ctccgagcag agagatgaag ctcctgaaga gttgcagcct ctcattctcg      300
acttngagaa cttntgggaa cgaaagctct ggcaccaact tactgatgcc ctcgtcgatt      360
tcttcagcca tcccgagagc gcccccana ggctacaatt ctacagagtc tttattctca      420
agtncgccga taaaatcaat caagttgaag cttgnggacc tacattgaag gcggcaacag      480
agtgcgatga ggacgaagag cccctttctt ctacaatcgg tcgccnaaaa nggtgacaac      540
ganaaatttt aaaacccttc cttttttntt taantggcgg ggcccaacca aaagnttaan      600
ttggaggaaa taanacgggn cgcng                                          625


<210> 1131
<211> 537
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 1131
catcactcaa gcgtctatct aaaccttcac taccggcttc ttctttattg ctctactcaa       60
attcggcacc tcataatcct caccccgcaa aatacaaccc cagtttcaac attcgagctt      120
attccaagtt cagtatgggt agcactcagg acatgacccc gggaaagccg gtcctattct      180
tcgatattga caactgcctc tacccgagaa gctccaaggt ccatgacctg atggctgatc      240
tcattgacga gtacttctca aaacatctgg agcttcttgg gacgaagcgg tcaaactaca      300
caaggagtat tataccagct atggcctggc catagaagga ctcgtgcgac accatcagat      360
tgcccgctcg actatacgcg aaagtggatg acgtctgcc ctcgaangca tcatcaagcc      420
catcctgac tgcgtgagct cctaggaca tcgacaagtc caggtattcg gtgnttttac      480
aaacgctttg taaccatgga agcngggncc gcttggctt caggnatttt acggcta        537


<210> 1132
<211> 383
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(383)
```

<223> n = A,T,C or G

<400> 1132
tttggcaana caaagctcat ggccaaggcc cttggtcana ctcccgagga ggctatcgct   60
cctggaattg aggacctcaa caaatacttg accggcaccg tcggcctgat cttgaccaac   120
cgccccgccn aanaaatcct ctcttacttt gagaacctcg ctcctgtcna ctttgcccgc   180
gccggcgccg tcgccacccg agacttcttc attcccactg gngtcgctac gctactgntg   240
gngaggttcc cgccgancac natgtttctt tggcgcacac catcgaaccc gagctggnac   300
gttttgggtg tncctacccc gtatgaacaa nggccgantt tttnttggtn accaaggttg   360
gtganggtga agantacact ttt   383

<210> 1133
<211> 448
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 1133
atttcaagct ccatctttct tttacattct cctcccgcct gcgtccccgt cttgtttgtt   60
ttcttctttc atcccatctt cattagttca tctcaccaca agaatacgta gaatgtctga   120
cgaaaacttc ctcgccgctt cggccaagca ccctatcgtg cctaaccatg tctacaacta   180
tggcactgcg gggttccgca tgaaagccga ccttctcgat ggcgtctcgt tccgtgtcgg   240
tctcctgtcc ggtctgcgaa atcgtaagct caatggccag gccattggtg tcntgatcac   300
tgccagccac aacccggcta tcgacaatgg tgtcaagatt gttgaaccca nnggtgagat   360
gcttgancan gaattggagg ctatnccnca agcttgtcaa ctctccttct gatcaggact   420
ctcgacaact acaaggnnct gggtacca   448

<210> 1134
<211> 639
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 1134
gggaaccaa gatcgatctg tcttgttgaq aatcgtgnga agagcanaga gtcacgaatt   60
tgggtatctc gccaaggtgg ctgggtgaac tcatgaaaga gggcattgtt ccgcagaagg   120
aagccgatct gagcagtctg acggctgttt tgagcacggg gatggtattg aaggaacagg   180
tctttgaatg gttttacgat ggggcttttc ctaaccacat caaactcgcc aacttttcag   240
gcggtacaga tatcgccgcc tgcttcgtca tggagaatcc tctatgtcct atctacgctg   300
gcggctgtcc tggaagagtc attggcactc ctatggccat atacccatcc tcggctgatc   360
taacaaaacc aatctcccca gtccagacg gtgaaccang gagatttang taggaacagc   420
ggcttttcca aacgtacctc tctatcgtg gnacgacacg agtcccgctc caggcaaaaa   480
gtacacttca gcctactttg acggattccc tggtgtgtgg tcacaanggc gattttgcan   540
gccgtccatc canagactgg gcatatccat atccctcggt ccgctctgat ggtgttttga   600
atccnnagcg gtattcgcnt tgggaagtgc ngatatctn   639

<210> 1135
<211> 454
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 1135
agttacctgt tcaaaccatc ccaccttgaa ctaccgccaa gatgcctcaa gaggtcgctg   60
ntntttaagaa gttcatcgag atctgccgtc ggaaggacgc ttcctccgcc cggatcaaga   120
agaacaagca gaccaacaac atcaagttca nggtccgctg ccanaanaac ctctacaccc   180
tggttctcaa ggacaacgac aaggccgaga agctcaagca gagcctcccc cccaacctgc   240
agctcaccga cgtctctagc aagaagaagt ctgcttaaat gaaggtggtt tgaaaaacgg   300
gtaactcttg gtagcgggag gattcacatg cacgaatggg cgtcttggga taccttgcat   360
ttcatcatgt gctctggaag gaggatactc ggatgagtcc aaaaaaataa aaagaaccga   420
ttcgagtcac gaaaaaaaaa ganaantgat aatg   454

<210> 1136
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1136
ctttcataca gcatcaccac ataacctgag cctttttgagc acgcgaacag gccgaattaa   60
gttaaaacgc gagcaacaac atatttgaga cagtataccc tcgcatgcgc ctgtgacgac   120
atgccatcca tcgccctgcg acagagcaga cgatgtagat tgatagatac gcgtgcttac   180
ttgacgaata ctccccgatc ttcgtatacg aacatacagt ttcgcgctgc gacaaacgca   240
tcatggcgtc cggtttctat tcttgacgac tgggtcgcaa aagaagctcg ccctatcagc   300
cttcgccaac tcatggtctt tggccgatct ctcacagaat cgcgcctgat cagctctgcc   360
aattatgttc gcaccgaatt acctacgcgt attgcgcatc gcattcgaga catgcagcgt   420
ctaccatacg tcgtcaccac gaacaaacat ataaagagg tctatgattt atattatcat   480
gcctttgata catttcgcaa agtgaaggaa gtcaagacgc tggaggaaaa cgacaagctg   540
tgtgaactca tcagncataa ccttaaaagg cacctgatgn aataccacag cttgggatgg   600
gaatcctgga ntgcggnggt   620

<210> 1137
<211> 534
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 1137
gtcactataa gaatactgt ccttcccatc cattagtcaa ttcaatacca actcacactc   60
tcagcttcac atcattcaaa cacctcttcg actaaagacc aatcatccac tacttaaatc   120
aatccaaaat gtcaaagatt cttacagttt tcggcgccac tggcaaccag ggcggttcag   180
tcgtccgcgc catcctcaac gacccggtc tctcaaaga gttcaagatt cgtggcatca   240
cgcgtgatgt ctccaagcca gctgcaaag agctcgccgc aaagggtgtt gaagtcgttt   300
ctgccgacat gaacacagcc gaacaagtcg ctcccgccgt caaggacgct cacactgtct   360
cttggtcaca aactactggg aaactaacag tggaaatggc gagattgccc aaggaaaggc   420
tgtcgctgat gcttgcaaaa ctggaggtgt gaacaactta tttttctcatc tntttctcgan   480
ccaacaaaaa taacaacngg gcgtnttanc cacattaaan catttgagg ggca   534

<210> 1138
<211> 576

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 1138
gccatcactc atgcaatact tcaatgacac tggcctggat atcgttgatg gtgttctgaa   60
ccttattgct accaagctca acgttgatct cattgccaga tcganaattg gtgtttccat   120
gctcacgctc atccttagtc gtgccgtgct cctcaagcag acgggagccg gcacccctga   180
gcaatgggac aactgggacc gaacatttga aatcctgttt accaggctcg agccttcgct   240
tccttacatc ttcccaggta gtgttaacac cggagaggat gtgtatgtat ggcagcttct   300
tgcagccatg ggcgttagcg ctacccatga tcaacaaact cgtttggtcc ttgctgtcaa   360
agatcgtgtg cttgatactg tcactgtctc aaagactctg cctcctgtta tgggagctga   420
ncgcttgaac agtgtcnacc tattcatgcg atctatcggt ttggangtcn aacttctcca   480
gtaaacacat gttacatatg caaacatctc ttgtcggtta tcttgggatt ttttctggct   540
ggcatatagg aatgaacntc caaaaaacng gaagca   576

<210> 1139
<211> 666
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 1139
gatcgtactg caggcccttc tcagcagcaa tcggaaactc gccaacgatg tgaacgtgct   60
gggcactagg aaggacaccc cgcgcctgcg ggagcgagtt cacaatagca tggataaaac   120
gagggatatg tgtagagaga ttggcgatgg tgtcaagcgg cttcaaacat gggaggattt   180
gactaaacaa caaaagtacg agcaaacaaa ggtttcgagc gatttccaag ctgctctgca   240
ggaattccag agccttcagc gacgagccct cgaaaaagaa cgcgcatcgg ttaccgccgc   300
ccgtgcggca caggaaggcg agggcggcga gggcgctcct tccgagacac aactagagca   360
actgcagcaa caggagcagc gcatcgtact cgcacctcaa gatgaggtcg attttcagga   420
agctcttatt attgagcgtg aggaagagat tcgcaacatc gagcagggtg tcggcgacct   480
aaacgtcctc ttccgacaag tagcgcaaat cgtgaacgag caanggggag cagctgggct   540
cgatcgctga cagagtggga agatgtccga gaagatacgc gccaaggctg acgtttagaa   600
accgacaggc cgccgcggta ccaaaaggca gctcgcaaca aganctgctg cctatttggt   660
ttttgg   666

<210> 1140
<211> 900
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(900)
<223> n = A,T,C or G

<400> 1140
ggaagaattc gcggcctcag gaattttttt tttttttttt ttttacttta acatatcttt   60
cattaaaaac cctaaccgca taaaacctct gcgttgatcg tgcctgcaaa cgaagaccat   120
tggtaggggg gtataggcca acagccagan tgtcngaaaa ccgtcaacgc cgtcctggtg   180
ggttctctcg aaagcgccaa cgccgttgct gtgagcaagc gaangttcgc aacaagacca   240
ggcaccttaa tgtccgcaaa cttttgaatc tcccttcctg agaagaaata ncaaccaagt   300

```
ctatctgtaa ataatgcgc tccctaaaat gggtaacaca aagttcgtaa aagcatgttt      360
cgttgcttga ttgttccgta aattgccttg taaaggcgtc gtcatcccag ttgaaggggt      420
tgcccagtca gataacccat aatagaaaaa agnaaatgat agtcgagtcg gagtaggtta      480
anctttggtc tcctcctcct ttnttgccct caccactctc ggggccttga gccttgacgt      540
acttcgtcgt agacangcaa gggcctcgtc gaccttggcc ttgagagcgg agtcgtcctc      600
aataaggttg acaagctcgg tgttgtccat ctccagaagc ataccggtga tcttgccggc      660
aaggtcggag ttgatggcct ggatcttggg gaagatcagt tcacccagaa tctgcttctg      720
ttggggagga ggggcggcag caagctgttg ctggaggacg gaggctccgg caggttcggc      780
accacggccg ccttgaggcc cgttgccgtt gcggccagga ccacctcggc caccctggcg      840
gttgttgtta gggggaagc cgggcatgtt accagccatg ggaggcatgc caggcatacc      900


<210> 1141
<211> 577
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G


<400> 1141
cgaggtcaag accaacatgt ggagccctac catcaagtct tacctccgcc tttacaccac       60
catggacctc aacaagcttg ctggtttcct cgaggtgaag cccgaggagc ttcgatcatg      120
gctcctggtt actaagcagc gaactaagca attgcgctgg caggaccagg gtctgcttga      180
cggcgagctt gtcaatgtta gcgaccttga ctatgctctc caaggcgacc ttattcatat      240
ctcggaggcc aaggtgggac gaaagcttgt ggactggtat ctccgaaacc tgtcccgcac      300
ctataactga gggngnttag agagaactgg ctagtcactt tttctcaaaa aatcgtgggg      360
tcttcgaacc gagcctcaac agcgcataaa gcgctgaggc tgagtactcc acaacggccc      420
agggccagga gaatcattac ctgggggtat gcaggccaac ttgattggat gtataagcat      480
ggcaaangcg tctcggagtt ggtgatgctc gtgcaagaat ctgagaattt ctcaggtttg      540
gctgnatgtg cnggaagana tatgggactt tcttcta                              577


<210> 1142
<211> 631
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G


<400> 1142
gctacttcac ggcaagtccg aaagtcacga cgttgagaag caaatcatct ctcgaatgaa       60
gcaggagctt ggacagcagt tcaccagcaa attcgaaggc atgttcagag atctggtcac      120
gtctacggag ctcaccaccg gctaccgtga ccacattcgc aatgttggag acggtagtaa      180
gactatcgac ctcaacatca acgttcttac cacaaactac tggccacctg aggtcatggg      240
gcgtaccgca cagattggcg agggttctcg tgttacttgc acgtacccac ctgatttgca      300
gcgactacag gcaagctttg agcagttcta tctgaatgat cgtaatggac ncaagcttac      350
ctggattggc acnatggcan ttntgatatn aaatgtattt tcccggccat cgntgggaag      420
tttggccctn tntaaaaaga gcgggnattt gaaataacgn gcccacattt gnttttgggn      480
ggcaagcttt tnttaaaaga cctggaanaa aacaaccctt tgaatttggn ggaaaaacag      540
gccaaaaaaa anantttggg cccgganttt attggggccn ttaacggca ttggggggag      600
nnnccaantn ttgtttttcnn cttaaggqan t                                    631


<210> 1143
<211> 588
<212> DNA
<213> Fusarium venenatum
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<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1143
cagaaaatga tgagcctgga aagacagact ctccagctgg gccctttggc gagcacacct   60
gcgattctcc cgtctctctg gaacataact tgtaccaggc aataaaggag atcgtcccag   120
acccgctttt actatcttca ccggtgactc gttgatcatt cgatctggaa cactacatgg   180
ggattacaat gagcaccaga ttattgaatc atatgagaac atggacaagc atctcggtat   240
agtttacggc acagcaggaa accacgagtc tcatcctaca aacgcctatc aacctagctc   300
tatcggcgac catcgtcttg gatctacnaa cttctcgccn gaacatggtc tcctggattg   360
gaccgaaccg cctccagant tacgcaaatg ggtgcctact cccccaaata tccccatgga   420
aactccgtgt ctttctctca cacaaaccta ttctaccgan gcaacttttg gttatttccg   480
anaaagatga tncgcyaccc tagttaacag ctcgattggc ttatcgaana actccncgtt   540
gccganaaaa ctggagancg cgtttatttc ntcngacatt rgccccctt   588

<210> 1144
<211> 507
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 1144
cagatacgca ggttgtttct tctatagtat agactcgtta tccgttttct atctctagaa   50
ctttacaatg aacgccttcc gctgcttgag acctgtcgcc gctcgagtgc cttttcaaag   120
gtcaactctt cctcgagttg ccagagctta cagctccaag acctacgaat atatccaggt   180
ttcacagccc aagcctggtg tcggtcaggt gacactggac cgcccaaggc tctcaatgct   240
ctttgcacac ctcttatcaa ggagctcaac caggctcttc ttgaattcaa tgcagccgat   300
gacacttcag tcattatctt gaccggatct caaaaggctt ttgccgctgg cgccgatatc   360
aaggagatgg ccctctcagt ttcgctgaac ttacaccaac ttcttcatag agcttggtcc   420
gactaccact caaattaaga agccatcatc gctgtgctca gncacgctct agcggagntg   480
tagctggttt gatggcgact attactg   507

<210> 1145
<211> 445
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 1145
ctcacctcac gaagctcaat tgaatcagca accatggctt ccgacgcaat caccgagccg   60
cggcaagcga cccgcgagga gatgcgcgag tcgccaaact ccctctggcc taccgagaca   120
gctgcgccca ccttctgatt cctctcaaca agtgccgtcg ggatacgtg gtatgcccct   180
tggaagtgct ccgatgagcg acacagctac gagaagtgcc aatacgtcga gttcaagaag   240
cggagtcgca agatggacga gttgacggag tcgaggctg gtgcaccgaa gcacctagag   300
agaaagacaa agagaccgaa ttcaaatccc gggtacgaac aaacagggcc gggtcggaat   360
tgtacattta caaacaagcc aatgtgtttg acggaataga aagaggcatt ccacacaaat   420
gaaacngatt caagacgaat atttt   445

<210> 1146

<211> 736
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

<400> 1146
agaaatcaat aatttcaaaa cctctcttct tcttttaact aaaccttcct cactttgaca   60
tctgtctgcc ccgctacccc gccaaaaccc ctccataact ctatcaatct tatcataacg   120
accaaggcat agacctttgg tcactacagt cgtcaagacg ttttccaatc tccttaactc   180
gacgcatcac ccgtttgcag gagcccgctg ctcagccgat tccggaggct cagcggactc   240
gacctttgaa cagtaaaggt ctactcacag aaagaaaccc gtccaatctc cataaaccgt   300
aaacttccac gtcaaagtca attcaagcac catggctcct cacgcggaag tcggcacggg   360
ctcctcaaac gggtcggtat acaacggcca aggtcctcc gctacccagg atctcttcac   420
cgtcaactca cccaacgtca cctacacgga tgcggaaatc cgttctcgat acacctaccg   480
caccacgaag gttgaagttg atgccagccg gcaaatatgt tgctactcct aacgagactc   540
tctacgactt caaggtcgac cgcaagattc ccaaggtcgg tatgatgctg gtcggtctag   600
gaagcaacaa cggcaccacc gttaccgctg gcatcctcgc caacgccgtc agctcncctg   660
gggancaccaa aaaangtctc gcgagtccaa ctactacggn tccgtttgtc ttgggctcaa   720
ccctcaanct cgggca   736

<210> 1147
<211> 717
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

<400> 1147
cctcttgtga caaagctgtc agccgaaaaa gtcatcatac tttggaagcc aaaaccatca   60
agtttcttca actcaagctt caccctcacg cccttttaaa caccatccat agcgctcaat   120
atgtcggacc gtgttagtca actcgcaggc catctgaact accccaaggg tctactttca   180
ggacaattag cgattatcac tggttctggt caggaattg cgcaaaagc agcaaagttg   240
ttcgctaaag agggcgcaaa ggttattgtt gcggatattg acgcaaaaaa atgcagtgct   300
gtcgctgaaa gtatcaacaa ggacggcggt caagccaagg ccgtgcctgg tgatattctt   360
aaagcagact atatcgaaac tctgataaag agcgctgctg actttggcga tggcaagatc   420
aacattattg caacaacgct ggctacactt gggatggagt tattcataaa atgacagaca   480
agcaggggga cactattctg gctcttcatt gcactgctcc atttactctt gtccgggctg   540
cagcgccgta ctttcgcctt acgcgaaggg gctcctcggt gcattggtaa catctcatct   600
acatntggcg ngccccgaaa ccgcagggca cttaattatg ccttggctaa angcgggtgt   660
tctggcttcc caaacattgn aaaggagngg gccctctttt ggttaaggcc aacacnn   717

<210> 1148
<211> 575
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 1148
agttctcctg tcctccagca ccgcctctat cctctatctc catcacatcg cgcccgccgc   60

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tcatcctaca cctaaccctc agttgacctc tgtgcaagtc aagcaagtcg acgttcgacg    120
agctgaattc ttatatcccc acggcgacaa gatattcttt gctggacgac gaaagtactt    180
ccaccactgg gaccttaagt caggaattgt acagaagacg acgcaaatcc aaggacatcg    240
acttgagcat aagtcaatgg agcgtttcaa gctcagcccg tgcggtcgct acatggcgat    300
tgtggcatct accaagaagg gaggcggtat catcaacgtt ttgaacacga cgtctatgca    360
atggattgct gctgctagac tagcgagtcg caacggcatt gctgactttg cttggtggag    420
cactggaaat ggaatgacca tccttggaaa ggacggccag gtcggcgagt acagcatgga    480
gagccgctct ttcttgggtg tatggcacna tgaaggctgt gtcggtggta ttgtcctggc    540
cgttggtggc caccaagggc cngctgttct aggcg                               575


<210> 1149
<211> 584
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G


<400> 1149
catgacaatg caggtttctt cataaatgcg acaatgtccc caacaacttg aacaatcatc     60
ccatcttgct gtgtctcata cctctaatca tggcagacca gaagacagac gaccacatgg    120
ccacggccaa aacaagcgtc gagtcgcaag cccgcggcgc gacagcccaa gccctcgcaa    180
tggaccctca gcatcgcgct gccgtcgaaa agagcatgaa gcgcaagctc gacacccgtt    240
gcgccctctt cgtcctcatc tacatcatga actacctcga tcgcaataac atggctgccg    300
cccgtctcaa gggtctccaa gaagacttga acctgagcta caaccaatat gccacctgct    360
tgagtattct gtacgtcggg tacattctca tgcaggttcc ctccaacatg ttcatcaacc    420
gcatacagcg tccttcgctg tacattgctg cggccatgtt gctctggggt ctgatctcta    480
cactcagtgg tagcgtgcac aactttgctg gaatggtctg cattcgattc ttccttggtt    540
tcgtcgaagg ggntttcctg cctggtgcac tgctcattct gtcc                     584


<210> 1150
<211> 1006
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(1006)
<223> n = A,T,C or G


<400> 1150
ctcttttcac ggcttccagc ctaccacact ctttttatta tactcataat aatttaggtc     60
gctttacagc ttcttatcaa caatcctctt ttcctacctt accaattact atataccgta    120
attcttaaat ccaaccttca agatgcagtt caccatctcc gccgctgccc tcatggccct    180
cgccacccag gctcttgccc aggtcgctga cttcgacccc gtcctcaccc ccagcaactg    240
ggagcaggtc aagaccggtg agaccctcga gatcacctgg caggccaagc ccaagtactc    300
cggcgagaag atctccatct ctttgatcgg nggtgctacc cagaacaccc aggtccccat    360
caagaccatt gctaccggtg ttgacaacga cgcngcctnt ttcttnttggg ccatcgactc   420
ttncggcggc accaacaacg tctacggtct cgtcctcaag ctcgagagca accccgaggt    480
ttncagtac tctttcccct tcaagantga gggtggcaag gccgaggana aggcctncga     540
gacgaggan aancctgccg agaccaagaa ggacgactac gagctcccca ctgaggctcc    600
caagcccacc aaggaggctt accccgttcc tcacaccacc gtcgtcgctg tncacgaaac    660
ngtcactgtn ccttgcaaca ccaccactgt tggngqntct cccaccacct ttgtccctgt    720
tgtcaagant cactaccota tccctcctcc tgnccaccag gcncctcccg ccancaacaa    780
cggaactgct cctcaccctc ccgtttacac tgccctgcc cagcctaacg tccctgttgt    840
tcctactcan ccgctggtc ngccccctgt ttacggaaag gccancctac tcccgtcccg    900
tctccggtgg ctgccgtttc cggggctccc gttggccgtt attgctggtc tcgtcatggg    960
cgcttttnn tttgtttncg gganttcccc cccctttga tctttt                   1006
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<210> 1151
<211> 641
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 1151
tgcgccaacc atgttcactt caagatcggt agcaagactc gtcctacgac gagcatgctc   60
tcctctgacc tcctctcctn tgaggcaatt ctccacatcg agacctctcg ccgttagcta   120
ccactcctat actcttcccg cccacacctc tacgcctccc anaaacgacg acgttcccga   180
ancatcaata acaraacctg atcctctccc caaagtccac gagactcgtc ctcccccaca   240
acagcctcag caccctcagc ccccgaagca acaagaagct ggacgacaa caacgacgac   300
gcagaatgac gttcccgcca cctcggcatc agcgccgaag ctaaacgaga aggaagccca   360
gaagccgaag gccgccgacc acgatccaag ctacgcccac gcaaggccgc tatgaaattg   420
acgccctctg cggnggagca attaagagag ctgctcgatc agcccgagcc gaagctcatc   480
aaggtcggcg taaggaaccg aggatgcagt ggtttagcgt atacctcgaa tacgtcgaca   540
agcctggcgc tttcgacaaa acggttgaca aagatggcgt caanggtctt gattgataac   600
aaggcttttt tcagcatttn ttgggaagcg aaatggactn t   641

<210> 1152
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1152
cttcaatgcc gtcatgaacc gttcggactc ccatttgccg tcggcaaaca tattcgccca   60
cgctgtcttg aggtctgtca gattccccga cttgtgcgct gcatcgagag cctcatttcg   120
gcccgacact tgcatgtaaa cgcgagtcgt ttcctcctta tcctttcttg tcccgaggta   180
gcgccctccc gggagatggc aaaaggtgaa acactttgag tcatgtggtt gtgggagtgt   240
gctgaagaag ccgatgtacc ctccaaggaa atggcgagga tcgggggcat cagggccgag   300
catgagccgt cgtgttcttg atccggtccc atctgctgcg acgacaagat caaagtcatc   360
ttttcgaccg tcgtcaaaac ccacatgaac ctttcccttg ggatcgctct cgtcatcttg   420
agtcagactg gtgacggttg taccgaacga tgcttcacgt tcttgctctt ctcagtaaga   480
cccatcaaga tactcgcaag atcaccacgc atgatttcgt attctgtggt gaaggccttn   540
ttcataccgg ccgtgttncg ncactggaaa taatactttt ggctggcct   589

<210> 1153
<211> 768
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

<400> 1153
ttatcaattg acctttaaag agtaccgcaa taccgtcaag atgttcgccc gatctgcatt   60
ccgcgctgct cagcctttga ggtctgttcg tcgatatgcc actgaggctg gaggcgctgg   120
cggttccaat gccctcctct atgctactgg agctgctgtc cttggtggtg ctggttactg   180

```
gtactttggt aagagcggag ctcccgtttc tgccgctgcc caggatgtga agcaggctgt      240
tggtgccgag cccaagaagg ccttcactgg tggtgatcag ggctgggtct cactcaagct      300
atctgatgtc gagattgtca accacaacac taagcgcctg cgtttcgagc tccctgaagc      360
tgaccaggtc tctggtctgc acattgccag tgctcttcta caaagtacaa gggccccaat      420
gatgagaagg ctactctccg accttacacc cccatcagcg atgagaacga caagggcttn      480
ctcgacttgc ttatcaaaga agtaccccaa cggtcccatg agcacacact tgcacgacat      540
ggcttcctgg ccagcgcctt gacctcaaag gccttttccc aaagtacgcc tggggaggag      600
aacaaggcac gaaccacatc gcccttaatt ggtggggga cttggtataa ccccaatgta      660
ccaagttggc cggcgccatt tttaaaaacc ccaagggnaa anaccanggc cactttggtt      720
tttgggaaat ggcaaganaa aangaanttc cttttnaaaa agggtttt                   768


<210> 1154
<211> 530
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G


<400> 1154
cgagctcgag gcacatatgc gaattgaact ccttgacccc agttggaagg agcaaaaggc       60
caaggcagac tcgcgctatg cctcaaccaa catttcccat gttgacgttg caaacaatct      120
gaagcgtctt gctagccaac gcagcgacgt cttcgacccg tgaccggaca ggcaattttc      180
cgagggccaa ctggcgcgta gaaagaaggc tgntattcac agctatgatg gtgccatgga      240
cgctaagagc caagcacagt tggccatatg caaaacgtta acgtcgagga gcagatccgc      300
gccattcatc aaaagttcgc cgacaaaaag tgaagtattt ggtagttggg gcaaattgcc      360
gatccggaat atgaagaaaa acaccggtaa cccgaagccg agtgtactgg ggtacgtcgg      420
cttgtcatgg gccatgttaa aatgtttgtc nganaggctt ttaggttaag gttaaggngg      480
gcccattggg gctgngngttt ganatttccg gcttaattgt tgttaacttn              530


<210> 1155
<211> 322
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G


<400> 1155
ctcaagtggg agaagtggga tttccgggtg ggtttcaact accgagaagg gtcttacctt       60
gcacgatatt cgatatgatg gccgcagtct cttttaccgc ctctctcttg ctgagaatnt      120
tngtccctta tggcaacccg cgtgctccct accctcgcaa ggctgccttt gaatctggga      180
aaatgaatgg tgccggtatc aacgccaaac aatctccact tgggaatgta attgtctang      240
gtactatcaa gtacttcagt ngcctatcac aacacaccat ctggganaan ctatgganct      300
accaaatgtc gtctgttgtc cc                                             322


<210> 1156
<211> 679
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G
```

<400> 1156

```
natgacaaan gagagccaga tgacacatgc tatggngtta acagcagttn acctnaatga      60
ggagacaggc gaacctgtcc gctggagggn ncaaaacant nggggtactg ctgctggtga     120
caagggctgg tttgttatga gcgatncctg gcttgatnag tttgtttatc aggcagntgc     180
ganccccngt tctgcagtaa aaagtnangg atgtcctcaa aaaggaggcc attgtccttc     240
ctcccntggg accccatggg ggcgctggct tnaaancacg cgttccgtgt gcacccggga     300
agnttgtgtc acattgtttt cgcgtattcc acctatggaa tcgatattta ttatgaggat     360
atgtccgaca agccatantg agagctatta ccacatacac aaagttttgc catccaacaa     420
tgttgtttnt tcagtcacgt gcgcgttgtc cttgtaggac atgacatgac gatggatcga     480
agttngaggc aacacgatgc agtcactata tgtnttgaca taaggattac aagaatatca     540
ttagacgtat gcgcacctcg gcncaatgaa gcttcnccgc tgtatgttat ggggtncaaa     600
ttacaataat caacagatgt gtatttgatc ctggaaaaaa aaaaaaaaaa aaaattcctc     660
cggccgcgaa ttcttccag                                                  679
```

<210> 1157
<211> 231
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 1157

```
ncatccttga caaatgactg gaccaacacc gagacccgcn antaggctgg cgttctccct      60
gatnaaccag tcngagaatg acccctacag gggtnagagc acncgaaagg tacctggcct     120
cgtcaatcat ctgtgncgtg gacaggtctg atatnaaatn ccttgcgtct gcttgacaag     180
ggggctgacc tcgacgtttt tcntggcggn ggccgacttt ggctgggtgc g             231
```

<210> 1158
<211> 759
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

<400> 1158

```
ggaactgcga tacggcggtg ataaagtaac atcaggtgtt tcatcggatc ttgagagggc      60
cactgacctg ggcttcatga tggttaccct tttcggcatg tccagcgtac taggacccgt     120
tgaatacggt cgaagatacg agaatctcag ctctgaaaca aaggcagcaa tcgaaggcga     180
agtccggaaa acgataggaa agtcgtacga ggatgtgcga aaactgttga ccgaaaagcg     240
aagcgagttg acttgttag ccaaggctct tgtacagtat gagaccttgg acaagtttga     300
ggtagaaaag gtaattcgag gcgagagtct tcccggacgt atcactgcac ctaaagggcc     360
aatgagactg cctattcctc aacaagctcc aacaccacca ggtctcgggg gtgttcatca     420
gcctcaaccc ccggagacac ctgcgccgna gcagcagcan cagcagacac atctagaact     480
gatggttgag gttgaaggct taaaggcna gtatcaacgc atggtggaac aaagatgagg     540
taaaaggaa gcccggcata attcacgcca cgcacgacgt atgtggtgtt ggaaaacagg     600
gtgaggatcc atatcgaaca catatttcta cagcgagcat tgtgtggaat tggatgaant     660
acttttttnce agtcncgaaa aaaaacgggg tttnaacgan gacnactggc cttgtgtnta     720
ggcttaacga tttatgtcca tatggacttt attttgttc                          759
```

<210> 1159
<211> 745
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 1159
ccgacctggt gtcattgttc gtgagctcaa cctggaccag cccatctacc tccagactgc   60
caagaacggt cacttcggta ccaaccagag cttcagctgg gagaagccca aggctcttaa   120
cttctaagct gtcttgtgac atggtatcaa accacaaaaa gagtattcaa cagctctatg   180
catacatctc aacagatgtg taatcagtac atttgattta gcaactatag gcggcgtacg   240
gttctcaacg aaacctatgt atctcccacc ggaagggagg acggtcggtt tccggctttt   300
gttttattca tgatttctat ccaaaaacca ttttggttcc acgggtgtgg agatttcttt   360
cgcgatatac caggcacgga gtgggcgtct ttcaacaaag acattttagg gcaaacctgc   420
atttgtgagg cgaatcaaaa gaagagtcaa aaagacttgc attataacga taccacgata   480
agggaaatga caaaaagacg acgcatccaa tgtgaaaagc ggcgttttga cgaggaaaca   540
aaagaacttc aacatctttt tcttttcagg atttctagcc gagctgatgc agtaggcggg   600
cgaagaccag ccaggacgtg gtggaggttg gattgatngc taattagaag tcgatctttg   660
atgatagaag gattctaatg gctggtnagt gcccagttgt gnnatgcaac cgnactagac   720
tagaaagaaa cagntattcc ggaat   745

<210> 1160
<211> 300
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1160
cttctggccg aggcgaacaa attggatgtg gatgttctgt gctggggtgg tactcaccgc   60
tttgacgcct ttgagtatat ggacaagttc ttcgtaaacc ctggcagtgc gaccggcgct   120
ttnatggagg gtttcagnca agaggcccga anagcctcnc cgagcttttg tntnatggat   180
gttcaaggca tctcgctcac cctatacgtc taccaattac gaanagacta caagggcaac   240
tanaacgtgg nanttgagaa gggnacatac acaaaaccng natagccttt angaggacat   300

<210> 1161
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 1161
acagatcacc cataatgtgn tgacgagaac gcgaacggta cccccggcga gcaggctgct   60
gccaactngg aacacctcaa catcaaggtg acggacaaca acaacgaggt cttntttaag   120
atcaagcgca ccaccaagct cgagaagctg atgaccgcct tttgcgaacg ccagggcaag   180
acaacaagct ctgtccgatt cctctttgac gggacgcgag ttcagcctac ggacacaccg   240
gatgcggntc gtttaccttt gtccaccaca cgcctatttc tgnatacata tggcgcaggt   300
catttggaag gtcctagcg cgcttgacat gttactattt ntagctcgag atgcaagacg   360
gtgatacact tgaggtacac cangaacagg nnggaggatt ttacttttaa gcggaaaagg   420
aagcgggcga gggatgtaca naagcggngt ttttaaangg gtgaattagc caaactgntg   480
gnttgaantt ggattccat   499

<210> 1162
<211> 402

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 1162
tggccgttta ctgccaggac aagcttggtc tcacatcaga aaagatgaac ccccgtggag   60
gagctattgc cctgngtcac cccctangtg ctactgntgc cagacagatt gtgacaggtc   120
tgtctgagtg cangcggcag aagaagaaga tgcttctgac aagcatgtgt atcggcacag   180
gccagggcat ggctggcctg ttcgtaaacg agcaggtcta gaacggtcaa tgcatgatag   240
gcgctgggtt attaattatg taacaacaac agatctcgat gcgatctacc agttggttgg   300
agatatgatt tcctgatgag cgagaatact gaatttgaaa gcataaaant ttgttccttt   360
tttagcaata ctgagactac tgaaaatcat atcggtgaaa cc   402

<210> 1163
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 1163
cttagatata caggatctct cccccctccc cctatctttt acatcttttg cactttgttt   60
tttacacaaa gacaatcatc acaatgcctt ttgcgactga actgacaaaa cgactgggca   120
tcagagtgcc cgtcgtgcaa ggcggcatga tgcacgttgg caccgccgat ctcgcctcag   180
ccgtttccaa cgctggcggc ctgggcctca tcaccgccct catctacccg accccctgagg   240
aacttcgcaa agagatccag cgctgtcgca ccctcaccaa gaaccccttc ggtgtcaaca   300
tcaccctcct tccttccatg gtccctccca actacgccgc tttcgcccag accatcattg   360
acgagggtat caaagtcgtc gagacagccg gtaactcgcc cgggcctgtc attacgcagc   420
tcaagaaggc cggaatcatc gttcttcaca agtgtaccac cattcgtcac gcgcagaagc   480
gccgttaagc tgggcgtcga tttcctcagc attatacggt ttcgagtgcg ctggccacgt   540
tgggagagag cgacattacc aactttatcc ttcttagcaa aacgcgtcaa acctgggtgt   600
gcccttcatc ncnagcggtg gcttcgcaaa   630

<210> 1164
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1164
cacgcctttt caacatcacc gccatcacta aaaacctgca tccttaactc ctattgacgc   60
gtcatggctg gtgactgacc gaattactcg ctgctttaac atcacgcgcg catctccttt   120
ctatatcata ccctattccc aacaacgccg acatggatcc atctttgacg cgcgatctgc   180
cgaattgggc tcctaattct accagatac catctccctc tacggcttct aaacagtcac   240
cgcgaccagg aatcggacgc attctatcat taccctcaca atggctcccc atgtatgatg   300
agttcataac caagaacgct ggtcaagtct cgcagatcga gagcgctcta cgggagtttg   360
acatatataa ttccaggccg attccgcgat gcgaaatcg cattccgagt cgattcattc   420
gggtgttcaa ctcctatcac tataccatga ctctctactt taaaaggcta tcgcacgtct   480
gccaatggcc agcatgccat cagcgcatgc tcgatacaca cgatactgga cccaaaggag   540

tggcgcatat cgaagaatan ccatgttttt gcagatgat   579

<210> 1165
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1165
ccctgatatt gagcacatgc ctctttttcgc cgtttcccac cgtctgcttg gcagcctgag   60
atcgacatac tacgaaacga antaatgtac tacgatgctg tggctaaggt tctcctaaga   120
aattcaggcc tggacctact acccctgct ttctcttgcc cgtttcaacc tctaccgact   180
atcttgggga ctttcttctc atgggtcgaa gtcccaagaa gggtcctgcg ctggctattt   240
ggtggcttga gatcaccgga caggtcttct tttggacatg gttcggttat ggcctcgtct   300
acaacatgct tccagacaac tggactcggt tctactttgt catgataagc aacattactg   360
cgtcacccct gcatgttcag attgtgctgt ctcatttcgc gatgaacact gttgaatttg   420
ggcctcagga atcttccctc anaaacagct tcgaaagaca tggacatcna atgcccgant   480
gcttgattct tccatggcng gctgcagtcc aagtnatcat catctctttc ccgcgtgccc   540
gtcataacct gcgtnctaca canaaaccnt tcaggattct gttacaaatc   590

<210> 1166
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1166
agcacatcac aacgcagtta tcagaacatc atatacacca agcacaatgt ctgcatcttc   60
gggatctgga agctggacta gtctcatgca acaagctcga aatctanaaa aacagacgga   120
gaacttgttc catacgtatt cgcggttcgc agcagctcct aatatcccac ccaaacccac   180
agaaaaagaa cgcgagacag agacgaagtt ggaggagtta ttaaaaaagc gtgaggatgt   240
cattagcaaa ctcgtccgac tgctcgattc tgaagccgcc tcacctnctc cgncataaaa   300
cagaagaatc tcaacncttt ccagaggaag ctcgntgatc acaagaaaaa tctaatccac   360
ctacgctcaa atctacaaga ggctcgtnat cgcgcgaacc ttntgntaac gtccagtngg   420
atatcgacca ataccggcag aacaaccccg aagctgccga ggccgattac atgttgcagg   480
agcggaatcg catcgacaat agtaacaaca tggncgataa cgtgcttanc caggcgtttt   510
gctgttaatg acagctttaa tctgcagcgc gaaacattgg gcagcatcaa cnnggaggat   600
taccncnccc cagcaagcca aggngccg   628

<210> 1167
<211> 213
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 1167
ccaacatctt gcgggtatga angacagcaa ggtcattgcc gccattaaca aggatgccga   60
tgccccatc ttccaaattg ccgatgtcgg tctggttggt gatttgtttg aaaaggtgcc   120

anagctcact gagaaggtca agaactcata gatgtctata atgtacatag tatgaagtac   180
aaaatgatgt natatacaaa cagttaaatg ttt   213

<210> 1168
<211> 813
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(813)
<223> n = A,T,C or G

<400> 1168
taatggaaga ctcgtctcaa tgagcatggc gtgaagattg ttctgagtca ttcgccacag   60
agccaaagac ggtctccgaa ctgtcttana accatctacg cgtcgtactt catatccaac   120
gtactttttt acttacatta acaggcgaga catcatgacg agaggcaaag acacacaaga   180
cgctcacatc caagaaaacg tcgctgatga agaaacaaac gacggaaatg atgtcccaag   240
ctcaccaccc cagccagcta cctttaaagg gcgtcttcaa atgagtgact tcatgttcaa   300
gtcaactgag tctacaggca agggagaacc ccctattcga agatcaccac gattcaatcc   360
atcaacgtct tctgccatag cggcgcctac accagtaact acagtaaaga ggacgaaaaa   420
gagggaagcg gaagagaagg agaatgacaa gccaaagaag aaacgagcac gccccagttc   480
tggatacgcg ccaccctcaa cgtacgccca tctccctggt ctgccagatg ccattgccga   540
caaccttctc gttctgttta tcggtctaaa cccgggaata caaacggcaa gaactggggc   600
atgcctatgc ttatccatta aatttatttt ggaaacttct cttctcaagt ggtcttactc   660
cacgtctctg cagcccgaca gaagatcgtc agctccccga gatgtactca atgggattta   720
ccaacattgt tgcccgacca agccgcaacg ggtctgagct tagcaagcag ganatggacg   780
aaggtgttga gattctccac naaaatgtcg caa   813

<210> 1169
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 1169
gctaagcatt ttctctactt tgacgaagac agctatcgaa ccgaaccgat atcgatacta   60
taccgactcc cattatgtcc gaccctgtcg ctgaggtcac cgaggcact gtcaagctcg   120
tgcttgacga ggtgacgggc gagcaggtca cgcgcaatga gctgaaaaag cgaacccaga   180
agcgagccaa gaaggctgct gcccaggcct cgcgtgaaga gaaggcaaag aaccaggagg   240
cgaaccccaa acctgctgcg cccaagccca aggctcagga gcctacccag cttgaccctg   300
atgccatgtt caagcagggc ttccttgccg atgtttacaa ggagagacct gtgaagcccg   360
ttgtcacccg attccctccc gagccaaacg gataccttca cttgggccac gccaaggcta   420
ttgctattga ctttggattt gctcgctcca cggtggcaag acgatccttc gattcgatga   480
cacgaacccc gacgaagagg aggagattac ttcgaatgga tcctgaagat cataagtggc   540
ttggatttga gcccagngcc atacacatt agcgacaact tcaaaacttt tngatctngc   600
aaggacttgt caagaaggaa ag   622

<210> 1170
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)

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<223> n = A,T,C or G

<400> 1170
ntttngtttc nttccggcnt cntgtacata atccatacnc caacatnata accccggcnc   60
ccgatttcat aatttatcga gtccgacatt actccttttg accctanana ccagatcgng   120
cggagaaggc aactatcagt agagcctcat ccaaaattgc naaatctgca tccatcgttg   180
agccggcncc tctgccgggt ttggngcgct ctcgacntcc cttgaaaatc cacgggaana   240
aataattctc acgccaggtc gtactcataa ccgcagcagg tctccaaggt gaacagcctc   300
tggttgatan aacaatgtaa ataagggaag tcggcaaaat agatccgtaa cttcgggata   360
aggattggct ctaagggttg ggtgcgttgg gccttgggcg gaccccctgg gagcaggccc   420
ccactagtcg ggcaaccgac cggaggcagc cagcatccgg gtgctgatcc cttggcangc   480
ttcgccgccc gcgcncgttt aacaaccaac ttaaaactgg tccgacaagg ggaatctgac   540
tgttaaataa aacatancat tgngatggnc aaaagggggn   579

<210> 1171
<211> 734
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(734)
<223> n = A,T,C or G

<400> 1171
caggtaaagg cggagaatcc cacgttggct ctagaagtgc cttggggaaa gagcggcata   60
gttcagacac ggacgactac ctggaaacga gaagctgcta ccaacccaat attctatata   120
tttccatgaa ctctgttgac tccatctctc ttctcgcatc ctaatacaca tcaaaccttg   180
gccctttcat catcacaaaa gaaacccaac accaaaacca caaccctcac caacacattc   240
aaaatgtctg aactcaaggt cggcgccaac ttccccgaan gtgtcttctt cagctacatc   300
aagcccactc ctgagatcgc tgaattctct acctgcggcg ctcccaccaa ctacaacgcc   360
agtcatgant tcaaggataa naaggttgtc gttgtctccg tcccngtgct tcactcctac   420
ttgcagtgga tctcacgttc cttcctacgt caaaaacatt tgacaaaatc aanggccaag   480
ggcgttgaca agtatcgtca ttgctgtcaa caacccattt gttcatgcat tggttnggcc   540
aaggccaatg gaattacaaa taacaaaatt ctcttatgtc caccacaatg ccaagttttc   600
accacattcg gtggaactgg gcaaaaaact gccgttcccc ngattgtgac atggaggatc   660
tttcccctca agatnacccg cacatcaaaa tcgggccctg gngccttgct attggaacca   720
tttctcccaa aatt   734

<210> 1172
<211> 533
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 1172
ctcacttgtc ctgctgttc tttatcagtt atcctacttc ttctctagta ggcgtgacta   60
aaggacgagg gttgttcaca tagttttttt ccgtacaatc caaacttact ttaccttcta   120
caactttttcg caagcttgct cactcaaccc cgcaccttt aagcaacaca agatacgagc   180
ccgttctacg gcaaagctta tttatttccg ttcattatag aatcgggaaa ctaccgcaaa   240
actcgaacca aagttattca tatcgagacc gtcatgaatt tcctctactc aacagtcaac   300
accctccggg atcgctatac accgtatcc nataagtcaa cctccgcca gactggtcaa   360
atcacaccccg aagatttgtt gctgctggtg actatctcgt ctacaanttc ccgacctggt   420
cctggggcga nccgantctc ccgaacgccg antcanccat ctgcctccg gcnagcagtt   480
tctcgtcaca cgcaagttnc ctgccacgtc gttaaacaat anttgcttgg gaa   533

<210> 1173
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 1173
```
gagtcgaagg gcaagacaat tgttattacc ggaggcgcca atggactggg atctttcatg        60
gttcgtgagt gggcttccca cggcgcaaat atcatcattg gcgatgttgc cgatgcagct       120
ggcgaggagc tcgtagcttc actcacagct caatatccgg actcggcctt tgcctttcaa       180
cactgcgatg tcactgattg ggagtcccag gtcagtntat ttgagacggc cgttcatgtc       240
acccctcatg gnggaatcga cattgttgtt cccaacgcgg gcattattct ccccgacgtt       300
tntattcagt tcgaggagcc tgttctaaan aatggccgtt tgcctaagcc cgacangaaa       360
cagttngatg tnaatatcac nggngctacc tacaccantc acctcgccct ttactgggtg       420
cctnanaatg gatcttnccc tcgggancga tgccttnttt tgggggggntc cttgtttcct       480
ttggcccttc cccacccana ccatgtacac gangagcaag cctgccatcc ttggcctttt       540
tcccnacttt tccgngcnaa aattttttccg gaacggngtc cggngggaac atgancaccc       600
cctttacttc ttttaaaagg nccaacatg                                         629
```

<210> 1174
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1174
```
tggatctacc gagggtaggc tatttctttg ggagacatgc accggacgac aagtatccac        60
gccgccttgt cacgttcagg ccgtctcatg cttggccgta acgccatatc acattctttc       120
cgggtccgat gactccaaca tcaacgtctg gtcgttatcc cgtcttctag agctcgacgc       180
aaaggctgaa caggagcccg atctgacact ctccaatcac cgaggtgcca tcacaagtct       240
aactgtcagt cctggtacca attcggaaac tggcatatgt gtgtctgcca gtaaagacaa       300
gacatgcatc gtctggaact atcagacagg ccagctcctc cgtacggtac tgttccctgc       360
aactcccctc tgcgctcgtc ttgatcccag tgccagggca ctctttgtgt catccgaagc       420
tggtgctgtc taccttgntg aactattcgg tggagacaag ccgttgcttg gttcccgcag       480
cactgagcaa ccttcattgt cgtgcagatc aacacccccgc ttgctgtctc ggatccggaa       540
cttggacaac catcgtgtat tgctctgaca aacgacggac ttcaatattg nctggacaca       600
ccaanggcaa gatcatgcga tgg                                               623
```

<210> 1175
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 1175
```
gagtggtcan gcanggtgcc attccagatc tgcgaggaga ttgctaagca taccttgaag        60
cgtcacctca aggttgatag cggagacatt actgcatttg gcgcaggttt ctccaacata       120
gttaccttct cgcatatgga taangaggct tttgacnctg cccgacgagc tttccaaact       180
```

```
ctcgaatacg atattcgaaa cctcgaagat ttaccattgc agatccgaca actttcagca    240
gtatcaccag ctgccagata tgcttccgtt gatgctccca cacctggctt ccatacagga    300
accatcgagc ctatagatgt caacatttac tttgaggcat cangccggtg gccggagaat    360
tcggtagcta ttcaagagac caagattgag tttttactcg atttcgatag gcgtctgaca    420
tcaaccanag agaatatcaa aacttacctt ggtcgagaca acaagganat tgggatcgag    480
aacttggcct atctcgatat cgtctatgat actggagcag cattccggtt gaggattcat    540
gccgatttgg aagacatcct gcttgagcga cagatcanga acaagacact tgaccctcgt    600
atccnttgag ggagtcacaa g                                              621


<210> 1176
<211> 301
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G


<400> 1176
ngtcgaggnt gacggcaagc acattgttgn tggtntaaag aangaatacg tncatgctcn     60
gaacgctcca ctctgngcta ttgagcgaac actctgctnc ttcttgagaa ctaccanacn    120
gaggacggtc tcattgttcc cgangtgctg cgaaagtaca tgcnggntga gcccgagttc    180
cttcctttcg tcaaangaag ccttcnagga ggccnagaan gtctganaag aanganaaga    240
ccctncctgt gcgagagaag gcataaacga aatcacttgn taaatgatat gcgatgatat    300
a                                                                    301


<210> 1177
<211> 384
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G


<400> 1177
naaacaaaat ncattccnca acccaagggn tcnactcttc ccantacaaa gtcntntcca     60
tcatcttctc cagctttcaa aanattctat tccttgatgc cgatgccttt cctcttanaa    120
agcccgatca tctctttgac gtggaaccgt acaagggtag cggactggta acatggccag    180
acttctggct gcccaccata tctcctctgt tctacaagat cgctggggtc aagatgccaa    240
acgtgacaat cgactctcga agctccgaat caggggtcat gctttacaac aaancaagan    300
acgccgacag tctcttgctg gctgcttact acaacttta cgggccaaga ttttattaac     360
cagcttcact cccaaggcgc ttgg                                           384


<210> 1178
<211> 302
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G


<400> 1178
ncccttgcca aagcctgcga aaatcatgcc aacagtgccg aactgggaag ctctggtcaa     60
catcacccaa cccgagagct ggtcgaccaa cgcctgctat caaatgacaa gnaatcttca    120
ttttaagcaa gcctcaagtg ggnccagcga ttaatggaga tggtcatttt cgaccgtgtc    180
```

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```
cgtnaggaaa tctacgaacc aagaagctca acgttcactt gttcaactcg gtcaagaaag    240
ctcttttcaa acnttgctgg tttctttaag ggnttccttt tccttttcgt tggcaacggg    300
ac                                                                    302


<210> 1179
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 1179
cccagtccaa gacaagcact gtcctcttta ctcaactcgc ggagtacaag aaccgaggcg     60
agtttgcgca gcctcacacc accattacac accacctgga tctgccgat gaccgaggtc     120
ttgttctcat gcagggcaat gtcctgcctg acaggggtgt tacaccagag aacgccaagt    180
ggcttcttat gtctcttcag cgattctatg gcggatggga aagcgagagc gctgagttga    240
gcggcgagcg caaggaaagg gctgaggaga gaaagaactg ctgggctggt tcgcagctgg    300
tgatgggaga ttcagcgttg acaggcttct ggaagagctg ancgcatggg ttgatcagaa    360
gacatgaata ctgtgaccat gaattttgac ctcatggtag agtgaaggga cgatgtttaa    420
gancgaaaca acagtcgtgc ccatcaattt tgttaaataa atagataccg tacgataatt    480
catctacttg acctn                                                      495


<210> 1180
<211> 308
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 1180
ntcctaaaca tncntcctgt cgttcntatn aacgttggcc agcacggccc ctccacagcc     60
gataagctna agatgggtgc catgatgggt ggaaccggng gtgtcatcat gggctttgtc    120
tttggaaccg caacattttc cgatacngng ctggtcctaa cggcatnatg anaacccttg    180
gcaatacatg gntggttccg gggcgacctt tggcttcttc atgtccattg gcagggcatt    240
cgatctgatg ctgaccccaa actgcacgan atgtatatgc naaccccacc ccnnctataa    300
tgntgatg                                                              308


<210> 1181
<211> 533
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 1181
cttcttcttc ttcttgtcat tccttgtcac tcttacttg agttgccttc acgtgtcctc     60
caacgtcgt cgcgtcttgg agaanaaagc cacgtcgaat acgtaaccg ttctacctct     120
tcaacctaat aaagggtctc gtggtctcaa attgtgtcgc tccaacgat caattaactc     180
gcccatcatg tctgcgactc ccgctacctt ttacgagcaa gctgccgctg cctaccatcg    240
accgtccctt tggtattcac ctgtggccca tcttcgacaa ggctttcact gctgttgtcg    300
gctactccgc caatgacttc aagtttgtgc ctttcgagac tcccatgtcc accctcaagt    360
```

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```
cgacatcgat cttcattgnc atctactact gcatcatctt cggggggtcg cgagtggatg      420
cccaacccgn gagccttta agctcanggg gtctttttt gatccacaac ctttacctga       480
ctntgaacag nggggctctc ctggctctct ttattngacc antttctncc cca            533


<210> 1182
<211> 510
<212> DNA
<213> Fusarium venenatum

<400> 1182
ttttttttg gaaagtttca tttaattcat cccgacgacc ctctatagtg tcttctagaa       60
tctaccaata aacccatgct ttggatatcc atccacctta aatccaatac tcactcacaa     120
acacaaacac tttcaaacaa cccaaccccca aacaaccaac cactatcaca atggagtccc     180
tcaagcaagc tggcaactac gtcgctgaga ccgttcagca ggctacctct ggtgcttcca     240
aggaggccaa caaggaggtt gccaaggata gcaacgtcgc cgccggtacc cgtgtcaccg     300
ctgccaagga tgccctgtcc gacaagttcg aggagaagtc ccacgagggc aaggccgagg     360
ttcacaagga ggctgctaag cagtaaatcg aataacgaca tgacacggaa atcactttct     420
gaagaaatgg atcgcaacgg cgttgaaagg gaatagcgtt gggactacat aggctgtata     480
cacttacacc taatacaaac agtcaaatcc                                       510


<210> 1183
<211> 1052
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1052)
<223> n = A,T,C or G

<400> 1183
ggagtcgtct tcgtatgcga gtgttcgggt gtaaaacccc tacgcgtaat gaaagtgaac       60
gcaggtgaga gcttcggcgc atcatcgacc gatcctgatg ttctcggatg gatttgagta     120
agagcatacg gggccggacc cgaaagaagg tgaactatgc ctgtgtaggg tgaagccaga     180
ggaaactctg gtggaggctc gcagcggttc tgacgtgcaa atcgatcgtc aaacatgggc     240
atgggggcga aagacttatc gaaccttcta gtagctggtt tccgccgaaa gtttccctca     300
ggaatagcan gtgttgaact cagtttatg aggtaaagcg aatgattagg actcggggg      360
cgctatattg ccttcatcca ttctcaacct ttaaatatgt aagaagctct tgttgcttta     420
tttgaacgtg agcattcgaa tgtatcaacc actnaggtgg ccatttttg gtaagcagaa     480
ctgggcgatg cgggatgaac ccgaaccgcg aggttaaggt gccagagtag acgctcatca     540
gacaccacaa aaggtgttag tacatcttga cagcaggacg gtggccatgg aagtcggaat     600
ccgctaagga ctgtgtaaca actcacctgc cgaatgtact agccctgaaa atggatggcg     660
ctcaagcgtc tcaccatac ctcgccctca gggtagaaac gatgccctga ggagtaggcg     720
gacgtggagg tcagtgacga agcctagggc gtgagcccgg gttgaacggc ctctagtgca     780
gatcttggtg gtagtagcaa atacttcaat gagaacttga aggaccgaag tggggaaagg     840
ttccatgtga acagcggttg gacatgggtt agtcgatcct aagccatagg gaagttccgt     900
ttcaaaggtg cactttgcac cgtctggcga aaggggagcc ggtcaatatt ccggcacctg     960
gatgtgggtt ttgcgcggca acgcaactga acgtggagac gacggcgggg gccccaagca    1020
gagttctntt ttnttcttaa accaagggcn tt                                  1052


<210> 1184
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G
```

<400> 1184
gttggatgcc ctgcggccta atctgaaaga agcaatggag ttagatgacc actacaacta   60
cttaggctct gcgcccagcc tgaacttgaa ggatttgcaa aagacatttt tcaagacggg   120
tgttttacag atcgtgtcag ctcgatctcg gccagatgct ttcatgacag aacaaacagc   180
aagcaatcct gctgaagcac accccggaat tgtcgacata aaggtcacaa aggtgggctt   240
gctttggcgg aaggatgcaa agaaacgcaa ggcacggtct ccttggcagg aatggggagc   300
aattctcacc ggggcacaac tctatttctt tcgaaacaca ggctgggtta agtcacttat   360
gcaccagtcg ataccatatc aaagcagggc atgatggcat accggtgatc ttnaacccac   420
actttaagag ttcaaaccag atgggcctat gtctacntat gccgaagttg cttttatgat   480
gccggttata agaacataaa atgcttttgt atacgtcnac aaggtggnct ggaaaaaggc   540
ttttggnnac aatgaggnga gatgaatgac tgggttcgcc aacntaaata tgcagccgcn   600
ttccggacca caagggttaa aaaccccgnn tcctgggccg   640

<210> 1185
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1185
gtgagagcct tgctcanaac gttgttgctg cagccaacaa cccctttgcc aggacaacga   60
ttctttatct cttcgagggg cttgccaagt ctctattccc ccccagccag tcattcgagg   120
ttgagattct caaagaggtt cacgagatcc gtcagacaac gagtaagaag gatgaggaca   180
ttcgccgcaa tgaactcgtc actgctattt cgcctcagct catctctgtc attggtgagg   240
ttccttccna acttactgcc accgcttttg gctgccaatt tgtcacagat gtcctcctct   300
cgggagttgg tgacaagcag caggctcttg aggccatcgc ccagtcagcc agtggcaacc   360
ccagcgagga accagcanat gatgatcttc agccccaggt acacatctca aggactcccc   420
acggtggccg catgctgaag tcgctgatcc aaggcggcaa atacgacaag gctgccggca   480
agaatatccc cgttgaccct ctttcgagtt cttcaacgtn ctctaccagt ntnaaggaca   540
cattattgga ctgggccccg gacccancta ttcgttgttc ttggcttttg aggccgcgaa   600
ntttggaaan aaccgatgcn ctcaaaanac ncttaaa   637

<210> 1186
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1186
tgatgctgac aaccaggatg aatctgagct cantcttgtc ctgcgagacc tcgagctgga   60
catcctccca ggacaaaagg tcgcaatctg tggtcgtaca ggaagtggaa agtctactct   120
gatactactt ctcctacgat tcaggaccc tctctcctnt tgttctgcta atatcaagat   180
cgacaatgtt gacttgcatg ggattgacng cgccactctg cgcaaacann tcatatgcat   240
ccctcaagac gcagtctttc accggatgg aagctccatc aaagccaatc tanaccctca   300
caatttagtt acagacgcag agtgcttcag cgttcttaac acagtccgtc taaccaantt   360
tgttcacgac aagggcancc tcaacgcagg catgagcgcc gaaaatctca gtgctggcaa   420
aaacagntt tcagtctcgg gcgacaattc tacgtcgtcg agctcganat aggggcnaaa   480
aanaancaag ggggcttgct tctgctggar gagggcagcc acagcggngg acagaattcc   540
agaccgggcg atgccaagaa natcatnaaa anatgagttt gagagttntt ctnttatcat   600
tggnttccca tcgggtngga natggttggg aaantct   637

<210> 1187

<211> 702
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

<400> 1187
cttgtctatt ttcctagtgc ttctccaaat ataccagtcg cttactgata agctggacta   60
ttaaaaagtt gcctttccct ccttcttcaa catcagcttc cgaaacttga gcgtggtctg   120
ttcaacccca ccttcatagg ctatattcat acagtcttgg gctgctttgc gagacttaaa   180
aaagcttctt cttcatttcc ctagccagat tccagagatc attcaatcct tctcactgag   240
cattaaacca tgtcaacccc ccgtgttttc ctcattcgcc acggtgagac agagtggtcg   300
cttgatggtc gtcatactgg cctgactgac atccctctta ctgccaatgg tgagaagcgc   360
gtgaggcaa cgggaaaggc tcttgtcggc ccggaccgtc tnattgctcc caagaagatc   420
gctcatattt atgtatcacc ccgaaagcgt gctcagcgta catttgaact gctcaatctg   480
ggacttagcc gtcctctacc tggacaccac acggcgacac cctgatggga ctggcctgca   540
gtgtgaggcc gaagtcaaat gacaaaatat atcccagagt gggactatng tgactaccaa   600
agaatcacat cttctgaaat tcgcaaganc aaaacccnaa aaggggatca aggggtcctg   660
ggatatattn gaaaggatgg tgtccncgtg ganaaanccc cn   702

<210> 1188
<211> 671
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

<400> 1188
antaaattca tctctctcaa cacacaacaa cacaacttct tctccttaac aaccacaaaa   60
accatccaaa atgtctctgc actaccttcc tcccgtcaag ccctccgcca tcgctctggg   120
cactgctttc aaccacggtg ttgagctcgc cgtcctcgcc cccatcttcg gccagaccta   180
ccagcgcgcc aagtcctcaa acaccaagga ggagttcatc cgctccaagg aggcttctgg   240
tgctgccctc gcctggggtt cttccctgac tggctctgcc cttcaggcct acggtgtcgg   300
tgctctcatc aacgccactg gcactctcac ctacaagggc gctgcttacc tcggcgctct   360
catcttcttc gccacctctg cttccggcta cgtctctcag atcttcgtcg agaagcgacc   420
tctcgacacc gtcggcgtca gcctgctacc aagctcgttg agaccntcgg tctctccgtc   480
ttcctcactt ggtggggaac ccgaaccaac cctttggagt aagggactct ctatgacgaa   540
tgtttttaat ctnccatgtc nggatgggtt ttcatgaaat tngtatancg aggcctcggc   600
ccgggtgaga agtaataagg acnggaatga cntataaaaa gcaataaggc aatattccaa   660
caaatgaccn t   671

<210> 1189
<211> 851
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(851)
<223> n = A,T,C or G

<400> 1189
tacccgtacc gctttgcaca gcactgcacc atatcgacaa aagagagaag cacggcattt   60
ccttgtcctt caactacaac gtcagcgttc cagtataaaa tcaccttcgc catgaaccct   120

```
caccagaaga acaaggtcga cgtcaagtca ctcactcccg aggaacagcg tctcttccgt     180
ctctacggca agctgccctc ccgatccgac cacttcgcca agcatctcaa ggaccgcaag     240
tatttcgact cgggtgacta tgccatgtcc aaggctggca agggcgacgg cgttgatgct     300
ggtgccgtcg gctctcagca ccccgtcccg gagaacattc cccacctctc ctccccagng     360
aacggctccg gaaccaacgc ccccaagcac cacggctccg tccccggcat tcaggcaggc     420
agccctatca aagagagcag cttcctcaag agtgagacca gcgtcgatga gtctcaggga     480
gacgacgtcg acaaacccna gggtacagac actgctgctg cacctgagcc cgttgccgcc     540
gggggcgaag gcattcccat ccgaagatag aagaacaagt cgtaataaca tggggggaaa     600
acacaaggcg ggttgcaata ggaacaaccn catgancttt ttttatcatt gggttttta     660
ttatggccna acacgaantg gnggtttgtc gaantttngt gccgtgggct tanaagggaa     720
tggcanantt gttttgacga cttacnagga tcccacaatt tgcntttggg aaangggaaa     780
aaaatttggt ttggncccca aaaggggaa nnttttatt tgnaaccctg aaatanggta     840
gggtggttta a                                                        851


<210> 1190
<211> 537
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G


<400> 1190
atcaaccgtc gagcgaacaa caacgtccac gatgtccgcc gtccgattca cccgcgctgc      60
cacgcgcgct accgcccagc ttcgcgctcc cgcccagcgc cgatttgcca gcacacagaa     120
cgagttcatc aaggagcgtc agcaccatca aggagcacgc tgctggtacc actgaactct     180
ggaagaagat ctctctctac ggtgtcgccc cctgcttat tgccgccggt gccaacgcct     240
actggctctg gaacgagcac tgggagcact ggtctcacat gcctcctctg gaggagcgca     300
ccgagtaccc ctaccagaac atccgttcca agaactacca gtggggtaac ggagacaaga     360
ctctcttctg gaacgacgag gttaactacc acaacaagga caaggtcgcc taagtatgat     420
ctgttgatag ctcatacgtt ggacaattgc tggatcgctn ctttaaggac tactccctct     480
ggagatgctt cgtacatgtt ccctagactc gaattggact gatngttgaa naaaata      537


<210> 1191
<211> 603
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G


<400> 1191
aattggacaa cgcccgggcc atgcaacccg cccaggagtc gcgccttctc tgtcctctta      60
ccattcccga acaacccgta atgagtcacc cgctgttggt atgtccatga acatcccaac     120
tctgacgccc aaggcgcagc cacagcgtcc cgccggaaca ctaagcaaac tgagtggcta     180
ccggaaaggc agcagctgt ctggcacctt ctcaactctt cgtggccggg gccccagtgc     240
acagaacgtt catatctatg aggccagtga ggcacgac agtgctgagg atgtgaggga     300
gattatcgag cggcaggata gggatgctga ccgtctcaaa aatgtccgag catgctgcga     360
tggcaagcat gatgttggaa ccctccacct tacctctaag cgaggccgtc ctggaaacaa     420
ccacgcgcac tctacgcact ctcagcctgg acttacacac tctcatacta ccatgtcttc     480
tgtacgctct cgagtttaag cagacgcata catatcacaa ctattccgtc cctgtaaata     540
cctttgttga ccatttcact ggttgtcaaa ctcacctgtt acgatcgaca tncttangga     600
ctt                                                                 603


<210> 1192
<211> 594
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1192
ttggactata ccttatgtcg ttggtgatat acccgttcct ttgagggcca tgacgtgtac   60
tgctgtaggc aagaactcat cgtgtttggc ggaggtgacg gtccggagta ctacaacgat   120
gtttatgttt tggatacaac aaactttcgg tggacaaagc cgaagattat aggagacaag   180
atgccctcaa agcgaagagc gcacactgct tgtctttata agaacggtct ttacgttttt   240
ggtggcggtg atggtgtccg ggccttgaac gatatatggc ggttagatgt tgccgatgtc   300
aacaaaatgt catggcgact ggtttcaagt tccgataagg cgagtcctgg ggaccaaaga   360
ctaccgtccc aaagcaagag gttatcacac ggccaatatg gtgggcagca aacttatcat   420
ttttggtggt tctgatggcg gtgaatgttt tgacnacgta tggggtatac gatgttgacg   480
cgcaagtgtg gaaagcagtg gccatacctg ttgctttccg tcgcctgtca catacggnca   540
caatagttgg ctcatatctc ttcgttatcg gtggacacaa tgggagcgag tatc   594

<210> 1193
<211> 1020
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1020)
<223> n = A,T,C or G

<400> 1193
gtttgttaca tagtggaata gcgatggagt tctctttact gtgtttgttg tgtgtattga   60
cgccagtaat ggcctcgttc cctggaggct ttgagcttcc gtcttagctc aaattctctc   120
ctcctctcgc gcgcagataa ccccgttagc aaagacggca actgtggctc taattccgat   180
ttcaatgcaa catgcctcac atccactttt ggtaactgct gttctgaaaa agggttctgc   240
ggcaagactg tggcatactg cgccgaaggc tgccaaagtg tgtttggtac ctgtggaaca   300
ggtagtgggc agcttgttag tacctcagga tcttgcggtg cgacatcctc tagcaacatt   360
acatgtcaag gaagcgagtt tggaaactgc tgctctgana agggctactg tggcaagact   420
tcgacgtatt gtggtgctgg gtgccaaagc gggttcggta cttgtgaatc cgatgatgag   480
tcctcttcgg ttactacagc cactacagca actcgtgaga cttcaacctc gatagcagca   540
tcagaaacga gccttggtgc tatctctgtt gatggtaact gcggatccaa ttcaaacatc   600
agcgccatct gcgaangcag cgagtttggt gattgctgtt cggaaagggg atactgtggc   660
ggaagctcga actattgcgg agcgggctgc caatctgaat tcggttcctg cgattcgaca   720
agctcatcag caagtccatc atctagctca gacccgacaa gctcaccact aagctcagac   780
tcgacaagct cgtcnacagg ttcccttagc accggtgcca ccggttggga tcgcgatcgg   840
gtctgttatt ggtggcctcg gattgataag ccttctancc tggttttтga tacngaagaa   900
naaacgaaag ccgatatccc agtgatggaa nttngtgaag aaaaaaccca caatgccccn   960
aagtntgaac tgaaanggga aaatcatctg aattaaatgg aagaaggacc ccgctgaatt   1020

<210> 1194
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 1194

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```
gtgccgnttg tcgagcattg gtgcgccagg tccagagcct gatcaaggag cgcagccaag        60
aggacgacca ggtagactac accaagcttg gcgcgcacga gttcaaggtg cgggaaatgg       120
aacagcaagt cgagatcctc caattggaga acgccttggc atcggctcgt catcgtttgg       180
gcgagatgcg gaagatctct taccaggaag agtaagggtg tgaatatggg cttgntgaca       240
ggtattcgng gtattccggg gccaaagagt gttncggctg gccttatcat cttgaggtag       300
atgttcaaat taagacattt aatcgcaggg attctttgca taanaaaaaa natggtttaa       360
```

<210> 1195
<211> 1424
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1424)
<223> n = A,T,C or G

<400> 1195
```
ctcaattgtg actattacat tcattttcgg ctttgccatt acgatcattc cagctctaca        60
gcaacttgcg ttttctcgcg tttcaacttg aatactttct ttagtgaagc aaaactgtgt       120
cttgcttgct acctgaactg tggaatcgat ttctacagcc attacatcgt atctacgttg       180
tcatagacaa aactgaagct accgcaaaaa acctacatac ccaaccttca aaatgaagtc       240
cgtcgtcgct agcatcggca tgatcgccgc cgtggccaac gcctaccagt cccccagca        300
cgcccactac cgccgagact acaacggaac cgactctcag accactctga ccgtcaagac       360
caccgtcgtc gagaccatca ctagctgcgc ccccaccgtc accaactgcc ccagccgtga       420
ccagactgcc attgctcagc tccctgagtc cgacaagaac accctcactg cgacccacac       480
cgtcatcctc actgaagttg tctgtcccgt ctctgaagcc agctccatct acacctccgt       540
ccttcacgat gccgaaaatg gtggtgttac tggcaagacc atcactgctg agggtcccat       600
gaacactggc ggtgcttacc cccctcccac cgagaagact attgtctccg actacaccac       660
tgatcagggt gttactctta cccagggtga ggagactatc accaccacca tccacaagaa       720
catccagaag actctgaccg tccctgctgg ccctganggt caccaacgac ggctccaagg       780
gcaacggtac ccctgaggat gacaccacca ccaccaccac caagaccact actggcacca       840
tcaccaagac catccagcgt gttgatgaga ccggcccccgc taccggtggt acaacggct       900
acagcactgg taagggtgag ggtgaggacg atggctccaa gggtaccggc aacggtaacg       960
gtaacagctc caacaacggt ggctccggct ccggctccaa caatggtggt aacggcaacg      1020
gtgagtgtgt ccctgagact gtcaccgtca ccgctcctgc ctccactgtc tatgttactg      1080
ttgtccctga ggctgccaag accaacggtg ctgatgaccc tactgtcact ggcaaggctg      1140
ttgagggtga tgactcttaa ggatgatnat naaggacgac tccgccgagg ataagatctt      1200
gcgacaccac caccaccctc gacgctaccg gtcactgtcg tccctttacc cccgttaacg      1260
gcactgctac cggtggctac gccaagccca ctggcttctn tcgccgtctt cggtaaatgt      1320
ncacggacaa cttccatgta tatgaagtct tgtcagtaca ttaatcacca cttttgggtac      1380
ttnttgggt aggcatctan tgaaagaaag gcttcctttg gata                        1424
```

<210> 1196
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1196
```
aagttccgac tacctcaag gacatctcct ctgtccctga cggtactgcc ggggctcaag         60
ccggactcga cnataaactt gccgggcttt cgctgtcttc tcgcgcagtt natgccgata        120
atggtatcca gtcacacagg gcagttgcac cggntatgca tgtcagcacn actttcaggt        180
acagcgacca ccctgatgcg ctgaggtcct gggataacac tgatcctnaa aaccctctcg        240
actctnatgt ctactccaga gcaactggtc caaacactac ccgctnnaag ctgtcttgac        300
atccatcatt ggtgctccaa ccgtaactta ctcgtgtggt ctatccgctt tcacgccatg        360
```

```
ctggttcact tgaaccccag gcgcattgcc atcggagatg gctaccacgg ttgccacggc    420
gtcatcagca tnatgtttng tttaaaaagg cctcaangnc tcccccttga ctgtgccgtc    480
gangactcga gcctggcgac atnngccacg tnganaaccc nttaaccaac aggngaggcc    540
cgcgatttgn ttgttnttca aaaaaaggna aaaaaggtg gggcttac                  588


<210> 1197
<211> 511
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 1197
tgcaattgtg cccagctgcg acgtttggct tgataacacc aagacaatga gctacgcggu     60
tggcaatgca gatgcagaag atcaggacat caaagatact gatgtcaagg ctgacaaana    120
naaagagggt tggctcantt tcaanaacna aatcattcgc atcgcccaca ccttgaggct    180
caagggatgg aggcgtattc ccctgggngg tggtgacatc atttctgttg tgaggttgag    240
cggtgccctg accaatgctg tatacgtcgt cacgcctccc aaggaaatcg atgaggccga    300
cggcaggcna aagccctcca aagtcctcct acgtatctac ggacctcagg tcgagcacct    360
nattgatcga nacaatgaac tctcagtttt gcaaaggctg gcacgcaaga aaatcggacc    420
tagattgctc ggcactttcc anaatggccg cttcgagcag tacttcgaat ccatcacact    480
cccccgaggg atcttcgaga ccctgacacg t                                   511


<210> 1198
<211> 244
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 1198
gcgttcagaa cggggcggnt acgtgggaga gtgaccccaa ccggaaatat accgttcctt     60
cgacttgcgg ngtgaaaagt gctgtgcaga gntatgtttg gcggtgatca tcatgtcccg    120
atgaanagga ggaattggta cgtggtattg gananngtggc gctgtcatat tcagtntata    180
tgtgngattc tgtgaaatcn caacgcatag agaccaaaaa aggcccacct attcgtgtgn    240
aata                                                                 244


<210> 1199
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1199
caacttgata ccccnaattg accttgtata gcatcactgt ctcatctcat cttgcatcaa     60
aagctcgctc atcatggcct tcactacaaa tgccaccatc aacagcttcg gtggaugctt    120
cctcaagctg tctcacaagt ccgccgtcac tggaactccc atgaacgcaa ccctttacct    180
nccggctcc gcctcatctt ccaagcccgc gcctctcctc gtctatctct ccggcctcac    240
atgcactccc gacaacgtca cagagaaggg cttcttcacg cccacgcctn caagcttggt    300
ctcgctcttc tctacccaga cacttctcct cgcgagaccg acctgccggt gagcacgact    360
```
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```
cttacgactt tcgnagcgtg ctggttctac atcgatgcca agaaggaccc tacaggcagn      420
actncaggat gggacatnc attaccaaag agtgctgacc tcatnttcag gaggtcaagg       480
aggtggctaa tgggccgttc attttggaca ttaatggngg ccccgggctt tgncttgtct      540
aanaccctgc aggcaaaaat tcnaggttgg gttcttttca acctttтaa               589


<210> 1200
<211> 693
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(693)
<223> n = A,T,C or G

<400> 1200
cgntcccaag ggagatgcta tcactcgccg atctgctgtc cagaagaaga accctctcaa      60
gaacaagcag gtcatgcttc gcctgaaccc ctacgccact gtcttcgctc aggaggctca      120
gaagaagcag aactaaaagg attcccgact tgctgggtgt gcagcgggtt tttacgaac      180
tgaatgacgg gtctagcatg gtttgatatc gaggcntaat ggcttctttg aaggttgagc      240
tttcttaaaa atgaatcaga gatttgatat gaattacacc aaaatnaaag tgggccccat      300
cctcgacctc ctccctcttg gttactccaa ggtcctcgga aagggccgtc tccctgagat      360
ccctctggtc gtccgcgccc gctgggtcag ccgcttgctg aggagaagat caagcaggcc      420
ggtggtgtcg ttgagctcgt cgcttaagcg aagcatcgca actgttctgt aaatgcttga      480
ggagtcggtt gggcttgtat gggaaattct acaaacggaa aacaaaacct ctccaacccc      540
ggtgaaaaac aaagcctgcg ggcactggag aagaaaggt ctccctgcgc tcgggaaaga      600
tgggccaggg acctaggtcg gtcggcttcg ggcattgcat cagggactct tgcacggagt      660
taacgaaata aaaatcgatt ttcgcccatg att                                   693


<210> 1201
<211> 363
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 1201
ccggagcgtc cgtctctcca cgctattgtc caggacacgt tcgatcccaa cgcccaggtc      60
ataccgccac tatcactacc actaccacta ccactctcgg tagacactct ccatatctct      120
ccatctcgaa atcacatccc agtctgtcaa catggcctcc cgacaacctc ccgctggcgc      180
ccgcggcacc aacaccccgtt tcgcgcagtt caagctggtt cttctaggcg agtctgctgt      240
cggaaagagt tcaatagttt tgcgatttgt caaggaccaa ttcgattcct atcgcgagtc      300
cactatcggt gctgctttcc tgactcaaac catctccctc aanaaaaaac cccggtcaat      360
ttc                                                                    363


<210> 1202
<211> 501
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

<400> 1202
gggaccagga aacaacatcg gtctcctggc agcaaagaca tgtgccactg gagtgcgagg      60
```

```
ccgatattac ggcatcgctg ccgcagttgg taaaattggc gcttttgttg gaacatacgt      120
gtttccgtac atccaggctg ccggaggaaa caaaacacaa agcgcacagt atcccttctg      180
ggtgtcatcc agtctttgca ttctttccgc actgattgtc tttttctgca tcccgcatat      240
cggccaagat acaatcaccg ttgaaagacc aaaatttcgc cgaaatattt acaaaacagg      300
gctgggacac ggctccaaat gggcctccaa tacactgata tccaaagcag gttacccagt      360
gactcccaga actgaagaaa attaaattga ctttatataa atcccgattt gcnctgcata      420
ttcccattac naagggagca tttgancctt ttcatcggtt nttgcacatc caattttttnt     480
ccttttaacc cccggaatac c                                                501


<210> 1203
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1203
tttttttttt gttcgttgaa gactttgnga tctattttcc cttttcagac ccgtctccca       60
tgatcagatc cctaaccgta atgtcgatgc aagcaatccg aatagactcc acgtgtcgaa      120
atatgacttt gtttccatcc acgcgctctt cgcttaagaa cggggcttct ccttcttctc      180
cttccacaga gcaaggagac cgacaccaga gaccttgacg accttgaatc gcacaccggg      240
aatatcaccc ttggccttgc ccttgcgcaa cacactttta caacctttcg aagtctttct      300
tgaccaatac cttcaacatg tctccctgct cttgctgtaa ccacgccgac gcttcttgca      360
ccagcgcttg ctnttgctgc agcactaaat tccttcttat tattaatgcc tgacaacact      420
tggcttacaa ccacngtcgc gacaatgtct tctttgacac attgaggaac attcaggaac      480
aaagcctttg ctaagcaagt cggacagata tgagaatgga acaatgaat agaaatggna      540
caaaacatgc gaaaagtagc tgtgacggcc aattttcgat ggtagcgcag nggtagatac      600
aaaatggaac ttgcattgcc ttg                                              623


<210> 1204
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1204
ctattccaaa gctcttcgaa gcagccacca attgagtgcc gcgacaacac cacaagaatt       60
ctcaaaagac ttcaaaatgg cctcaattgc gcgttcctct ctgcttaggc agaccgctat      120
ggcttctcga ttggccactg ctgctgtccc cgcgacccga agcgctttca tgcctagcat      180
ccgaactcag cttaagagcg ttgctgcttt ccacaacacc acccgacgat ctgctattct      240
ccctcccgga cctcagcgca ttgagggtgg agtcaacgat cctgctcccg ttcccgagcc      300
cagctccact cacggttcct accactggac tttcgagcgt ctcctcgccg ccggcctcgt      360
ccgttaacc gtcgctcct tgctgctgg ctcctcaac cctaccctcg acgccatcct       420
ctgagtgtc ctccttctc actcccatat gggtttccag caggtcgtca tcgactatat       480
tncctcaagg aacctaccct ggtctccgca agaacttcaa ctggcttctc aatattgcta      540
cggttcttgt cggcgtggga ctgtacnant tcganaacaa cgactttggt atcaccgaag      600
ctgttcgaca agtttggaag gcgtta                                           626


<210> 1205
<211> 720
<212> DNA
<213> Fusarium venenatum
```

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<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

<400> 1205
cggagatcta aaggaatcga catatcacct tcgttatgca gctcgtttga atgacccaac   60
cgccatgctt ctctacgccc tggcttgccg gcatggatgg ggcatgcgcg caaaccagaa   120
agagggtgtg gaatggctac gaaaagctgc cgaatacgct agcgtcgaga tcgcagatga   180
tgagagccat gtaaaggaag gcaagcatgt cgatgtgata gaacgaagaa cccgaaaagc   240
ccaatttgcg ttgagtattt atgagttggg cgtgagccat atgaatggct ggggaatcga   300
gcaggacaag tctctggctc tgcggtgctt cgagatcgcc ggtaactggg gcgatgtcga   360
tgcgctagct gaagctggtt tctgttatgc tcaaggtgtt ggctgcaaga agaatcttaa   420
aaagagtgcc aagttttatc gcatggcttg aagccaangg tatgagcatg gttgggaaca   480
gttggatcca caaggcttaa tacgacgacg acgacaacga agtctactac gttcaagaag   540
gacaaaaaga angccaggaa caagtcccca ccanaactat gtttggacgg aantaaccga   600
aggcncactt cagtgaccnc ttactacnat aatgatactc tccactaccn nttatccgan   660
tttgactggt ttccctgatc nggggttcat ggggtctagg aagaaanatc tttnctcctc   720

<210> 1206
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 1206
aaggacggtt ctcgcaagta tcaccttgat atcaagctag atactcttgt gtccaagatt   60
cgcttcgaca agagtggttc caagcctcgt gccgttggcg tcgactatct tgaaggctcc   120
agtttataca acgccgatcc tcgctctacg tccacaaagc ccagtgactc cggtagtgtt   180
aacgccaaac gcgaagtaat tatctctgct ggtagcttta acacgcctca actgctcaag   240
cttagtggta tcggacctaa gaaggagctc gagtctttcg atattcctgt tttagttgac   300
cttccgggtg tcggaaccaa tctccaagat cgctatgaag caacagtgat tggcaagacg   360
gcaaaggatt ttgtcatcac atccaagtgt actttcatgg agacggatcc tgatccttgt   420
ctggaagatt ggaagaaagg tctaggacct attgacaaag gtgtatacgc caccaacgga   480
attgcactgg gcagctgtta tcaagtcctc agttgctgag aatgaaccag atcttctggt   540
ttctggcgcg cctgctaagt tcaaagggta cttccccggg tacgctcntg actcac   596

<210> 1207
<211> 599
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 1207
caggcccag ggcatgacac ctatcaatcc gccaaagaag accaagccag tgcggtggca   60
atttggcatt cgatcacgta actctccctg ggaagccctc ctctgtattc acaaggcgtt   120
gtanaanta ggggccunat atattcccga cgaanattat gagtcgagga cagcagaaga   180
gcgagctgaa gcttccggcg atagcagttt cgtggactcc catgatggtt accgtggttc   240
cacttcaagt attgatccta agaagcgtta caatcttcct gccgaccctt ggcacatcaa   300
cgtgcctgg gatacttctg ctattaaaaa gaagctggaa acacgcccag tacacccagt   360
actccagtt cgcccagtac accagatggt cattattcta aggaccattt gttgcgctgc   420
actggacata cngatctacn aaatgganca tgggtntacc tcctcaattc aaatgctcag   480

```
gatacaaaac nctcacnggc antacttgaa ganaaagant taccagccct tccctttcta     540
nacttgntgc caanttgaat atgcacttgc aaaggcgaat aaaanaaatt tgctggttg      599


<210> 1208
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 1208
cttgactctg tacaacaagc tggtcctcgg aatgttccac ttcccgtggc tccttacttt     60
cctccacgct tctttcgcca gtactggcac atatctcatg atgcagatgg gttacttcaa    120
gctctctcga ctgggacgcc gtgagaacct cgctctcgtc gcttcagcg ctctctttac     180
tgccaacatc gctgtctcca acctgtctct agccatggtt tccgttccct tctaccagac    240
catgcgcatg ctgtgcccga tcttcaccat tctcatctac cgtgtctact acggccgtac    300
ctacagctac atgacctacc tttctctcct tccccttatt atcggtgctg ccatgaccac    360
tctcggtgag atgagcttca ctgatgctgg tttccttctc accattctcg ganttgttct    420
cgccgctctc aagactgttg tcaccaaccg attcatgact ggctctcttg ctcttccccc    480
aattgagtcc tcctccgcat gtctcctctc gccgctctac aggctctggc ctgcccactg    540
ccaccggtga agtcagcgct tccacaaagc tcatcacctc c                        581


<210> 1209
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 1209
tttcaaagtc cgatcagtag cttgggaata ccactgatca aaatgacaca aacacaatca     60
accgacaacc cggagaccct tcatctcccc cgcattcttt gtctacacgg cggcggcgta    120
aatgcagaag tctttgaact acaatgccga gttctcatca agcatctgag atcttctctg    180
cgttttgtat ttatgcaagc cccatttatc tcggctcctc atccagacat tgtcagcgtt    240
tacggtgaat acgaaccctt tcggcgttgg ctccgatggc aacccgacca tgaggagatt    300
gagcccgagg ccgccgccga gttgatccgg gaccagaccc gccgagccat ggatacagat    360
ccgggaccg gagagtggat cggcattctg ggtttctctc agggcgcaaa gattgctgcg     420
agtttattgt ggacgcagca aaagatcacg gagcaattcg gaccagatga aagccttgac    480
tcaattcaag gttgggtggt ctcatggctg gaagaagcac ctntcattac actgggacca    540
ccgactggaa caatccacca ccaattggtg acgccggcca tgctgagctc aaaagttcaa    600
ggactggggc tgagtcgaac aaaggggggaa cat                                633


<210> 1210
<211> 1027
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1027)
<223> n = A,T,C or G

<400> 1210
naatacttgg ccaatnggcc tcttcctttt cctcttttcc tcatctccga attgttcttc     60
```

```
taaccgccat gcgtttcttc cattcgcttc tctcctttgc cttgcttgcn acaggcgttg    120
tggctgcaaa aaantcctcc gccgagcgat tcaacgaatt ccncgccaaa cagatctcga    180
cgcctctcaa gctcaaggat tccacctaca agtccttgac atccacacct cgagactaca    240
gtgttgccgt actccttacc gctgccgatg cgcgattctc ttgtcagtta tgccgagaat    300
ttcaccctga atgggaactg ctaggcaaga gttggaacaa aggcgacaag gcagccgaat    360
cgcgactggt ttttggcaca ctanatttcg ttgacggtag agataccttc atgtcgcttg    420
gtctctcaac tgctcctgta ttgcttctat tccatcctac ggtcggtccc catgcatcag    480
ctaagaagga acccgatcgc tatgacttca acactggacc tgcatccgcc gaacgagttc    540
agtcatggct cgctcgttct cttcctgacc gacctcaccc tagcgttaag cggcctatca    600
actacgcagg ttgggtagtc tccatcactg ctgtaattgg agtcctcact gcggtcatgg    660
gtgcttggcc ctacctcgct ccaattttca aaagcccgta aatctcttgg gctgctatct    720
cccttatggt tatcctggtg gtcatcaagt gggcatattg ttcaaccaca attcgcaagg    780
gtcctttatg ttactggtga tgggcgccgg tgggatcaac tacattgtcc caagttttca    840
agcagcaact tgggcttaaa gacccaaatt ggggggccgg cactttaatg gngntctgtc    900
attctgcggc atactcttgc cattaaaggt ccgncgaatc gctgatgcca agactaacaa    960
gtcgccgcaa tcgggtttng ggggcttct tctttcttcg ggtacaagct tnttggttga   1020
gcgnggt                                                             10??
```

<210> 1211
<211> 654
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 1211
```
gacataacct gaacaagagg gaattccctc agtactcgtt atgtgaagct atgagaatcc     60
tccgcgccgt tgaggtcggc gaaccccccg cttcgatcaa gtacgagcta cacatcaacc    120
tcaaaaccgc ccgtaacggc cctgtcatca agaacagcgt ccgtctacct caccctgtcc    180
aaagcgattg gcaaatcgcc gttgtttgcc ccgaaggcag cgagatcgct cgtgaagcca    240
ccgccgcagg tgctgtggcc gttggtcaag agaccctctt cgaagccatc cgacaagaaa    300
agatcaactt tgaccgactt atttgccacg aagccagcga ggctgcctca caagggcgg     360
tctgggaaag atcctcggtc ctaaangnct aatgcccagc aagcgtatgc gaaccattgg    420
tnccgatgtc gncaagncta tgcgagactn tggcggngct ggcgaatatc gngagagana    480
aggnggtatt cgtctgggta ttggacaatt gggatactng nccgacaggt aaagaacaa     540
cattaaggng tgnttgggca anatnaagga gaagggaccc ggaatttaaa aggaggggct    600
taaggaagtc catgaggttt ttttnanaca acaaatggac caggtnttaa cttn          654
```

<210> 1212
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1212
```
gctatatcaa caaaaacgaa cctcacaacc atcctcacaa tgcctcgtca acgatccgtc     60
ggtgcggtc cttcgcgcc taccgccgct gcttctgctc ctaagcccca gcagactcga    120
natgccgcca cccacgctgc tcccgccggt tctcaccctc ctgcccaggc tatgcctcct    180
caggtgtcg gttctnaggg nnctggactt ctcggtcaaa tggccagnan tgntgccggt    240
gtcgctatcg gttcctcagt aggccatgcc atcggtggtc tgttcggtgg ctcctccgag    300
ccgccgctc ccgtccaggc tcaagctgct cctcaagagc agtcctggaa ccagaacaac    360
tgcgccggta ttgccagaac tttacaaagt gcatggacga caacaacgga aacatgcaaa    420
tttgcaactg gtatcttgaa caagctcaag gnttggcagg ctgcttctag ccagtaagcg    480
```

```
ttgacttgga gattatacga ataaaaagac ttggtatcat tatnggaaaa ggaaacaaca      540
tcnggggata aatccctgac aagcggtgtg ctaatagaaa nctggtagga atactatgnt      600
acatntcgac caanccaatt ggttaataca aaacaagaan                            640


<210> 1213
<211> 598
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 1213
caacacaatt caacatgacg acaaaagttt ggagccgaaa cacacaagcc ggtgctgctc       60
tggagaaagt ccaagaagcc attcnaaacc ctacagcagc gttaattcca aagccgcctt      120
ctgaccttga tgagatcaag gctgatagcg attcattcac tttggcttca ttcaccacgg      180
aggatgcttt cgagcttggc aatctttntat acgcccgcct ctacccttc gctcttgagg      240
gcaagccaac agtgatttca attgctctcg caaacacttc tcaggttgtc tttcagactg      300
tgactggacc tggtacagcg cctgacaacg agcaatgggt ccgccgcaag anaaacacag      360
tcctcagatt cggttgcagc acctggttta tgcacaacaa actcaaaggc gatgaggctg      420
cctttgctgc aaagtatgct atcgccgact ccaacaaggg cgactacgct atccacgggg      480
gagctattcc tattcgtgtt cgnggcgttg aggnaattgt agctgntgcg ttgngagtgg      540
actgaancag gatgaggatc atggagtttt tggaaacgtc atcaaaaata ctggaact       598


<210> 1214
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1214
tcttcgacgg gttcaatgag tacaatttca acatcgatgt catggcagcg gcatacgact       60
ctatgaagca aggtcttaca cttgtcgaac aagagatgcc tgcatctatt tcattccacg      120
tgcccgatca gtatcacaag cgcatcatcg gtattggtgg ccagcacatt caacgcatca      180
tgaagaagca ctcagtcttc gtcaaatttt ccaacgctat ggatcgagga ggcatgggtc      240
gggaagatga tgacatcaag gtcgacaacg ttatctgccg cacacctgcg cgcaatgcgc      300
agaacctgga cgctgtcaaa aacgaaattc tggagatggt tgaccgcgct gattctgagt      360
acacctctca gattgtcagc gttgacgtct ctaccatcgc cagctcattg ccagactccc      420
cgatatcgat ggtttggaca gaagtacact gcaagatcaa cttccctagt actgancagg      480
ccagtgatga agtgactgtc acggtcctca gtggcaggtc ctcattgtgt caagaatcct      540
gggtntggtc ctgataagca caacttgtcc tgctagaacc cngaattga                 589


<210> 1215
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1215
aaacgaagac cgcancctgc gcgttgacgg tcagcgatgg ctcactttta tgaacaagga       60
```

```
catgaactgg ggctacaaga cgacgcctca ggaattcgct gatagccgag agctggatta    120
ctctcgcgga aaaggtcttg gtggttccag cgctatcaac tttggtgttt acagcgttgg    180
tgctcgtgac gattacgaag agtgggcgcg tatcgtcggt gatgattcat actcttggga    240
gaagatccaa aagagatata agagtcttga gaactttcac ggtgctctac ctgagggtat    300
tgacaagaag tatgctgctc ccaagagtga ggatcatgga agtgagggaa aacttcatgt    360
tgggtatgcg agtgaagtgg gagaaggatc ttcctnccgt tcttgacctc tttgaggatg    420
caggctttca ctgaaccctg atcacaactc tggcaaccct cttggaatgt ctggtctgat    480
caactcgagt cacaagggac gaaggnctac agctaatgac tgtttggaac ctaacctgag    540
aacttgactg tattgacaga ttccttntggg cagcgagtaa ttcttnaggg naacaaggct    600
ntggagttga agtcaatgga aagaagtctt tgntttnaaa ggaa                     644


<210> 1216
<211> 595
<212> DNA
<213> Fusarium venenatum


<400> 1216
gatttcgata catcttcgtc gctgagggac cttatgggac agcgaacatt acagcatcag    60
tcggatggtt accctgatgg cgttgatctc agcagtggtg acgaagaagg tgacgaaccc    120
gatgactcgc ctaatcagaa catctatgcg accagccgag atccaaaggc gctgccaaac    180
cgtcctcgac aagctgcccg ccgtaccagt agtgctgctg cggctgccgg cactgctcgg    240
ggtgcaagca agagtcacag tggaaatccg gcgttatccc gtgatgatag ttccgtcgct    300
actgcgggcg cggcggagag tggttacagc agcagtaacg agagtccctg attctacgtt    360
gatccaatat gtttgtaaca tattattatt ctgcatttca cgatttttac ttggggttta    420
ggttttaatat agaatgaaaa aaaccgggtt tcttcacata tttctatacg gtcagggaac    480
aaatttgaat ctctgttttc aagggaaggt tgcataagtc gcatttagct tggcctttag    540
agaagaaagg tcatgattcc ccggggtact cttttttatga gatcaaaggt tgcca         595


<210> 1217
<211> 224
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G


<400> 1217
nancgccaac tatgctntca gcgagactcg caaccctgtg cgaactctca agatcgntgc    60
tcctaccgcc atcatctctg tgtccatcat ttacatnctn gtcaacatcg cctacttcgc    120
tgctgttccc aangncgaga tcattgcctc cgagcgtctt gccntgcttn atctcttccg    180
caacgttatg ggtcctgctg ccgagcgcgc catgtctggc tttg                     224


<210> 1218
<211> 776
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G


<400> 1218
aattnttttt gttttttttt ttttttttt ttttcattca taaggtctac cattatatat    60
tttaatccct gggatgacag gcgatattgt ttattgtcaa ggactttatc tccataatta    120
ttcagcacat ctgcaaccct gaacgnggat ccaaacctaa cccagctatt atgcanacgt    180
agggtaggnt tagnggcaac ntaatgaac caatatntca ttcctcctta agctcaggag    240
taacggccca gcgccttcca taaaanacag ngcccaaaag ctganagcca acgatgtntc    300
```

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```
caaggtaggn tccaacaaca atngtaacgg gccanttttg ccactcacga tcccagtcga      360
nagggatagg aacggttcca agccacgctc caaccactgt tccgagaaag ccgccaaatg      420
tctgatcgaa aggagcanac acgccaacaa cagcctgtag gggaacggga tcggatccgc      480
gaacgtanaa nactgggtat atcgcgagga cggcaatgtg agcgcancac aanaatgtgt      540
ggggagcgtg agtaaggaac ggcncgccaa aaaggacgag taaantatgg agggcgggcg      600
tcaggatgag tgccaaaaac aaanaaataa cagnggtagg gaaagacttg cttccttccc      660
gtcagacttt ttttttaccg ggacccgggt tnttanatga aaatgaaaac cccgtggagg      720
aanactcaca ttaagtaaac tgctgaacaa gancactncg gaaaaccaat ttttaa          776


<210> 1219
<211> 452
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G


<400> 1219
gaaaaacttt gagaaaggaa gccgagccca tcgaaaattg aaagcctcct tgacgcactc       60
gattcttatc agtcgttgta acaacaccac tatcattgtc agggggcaagg ccaaccaant     120
cacggttgan aactcactcg actctcctga tcgttgacac ccttgtttca accgtcnacg      180
ttgtcaaggc tcaaaattcg ctcttcaggt tatgggtacc atccctaccg ttatgcttga      240
ccagatcgac agcgcacaaa tctacttcng caaggaaagc ataggaacca aggtctcaca      300
agcaaatcgg cgggcntcaa ccttaacgtt ntctctggcg aggacaaaaa tacagggang      360
tgcctctgcc ccncaaatct ctcttctnca acaattccaa gggananttg gtcnccaaat      420
ttntggtccc cccggctaat acaaaaggcc tt                                    452


<210> 1220
<211> 366
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G


<400> 1220
cggaaaaagc cagcagtctt gccatcttgg tcgaccctgt tattgcaact ggtggaacct       60
gcgctgctgc catccaaacg cttcgtgaat ggggcgcaga acgaattctt gttctctctg      120
tcattggagc taatgagggt gttcagcgag ttgctgccga gtggccggag ggatgtgaag      180
tctggatcgc ggcggtggac aacgagctga ccagtgatgg tatgttgaag cccggnctgg      240
gagatgttgg tgacaggcta ttcttgacca ttggtaaata agaagcgtca acgaattctg      300
tttagatgtt gattccaatt gcataaacat aaaggctagg tagaatacat ttgntatata      360
cccatt                                                                 366


<210> 1221
<211> 202
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G


<400> 1221
nqqqcnaata ctgctcgtat gctcnctnac tcgttgggtg ttgctggtgt taaacacatc       60
```

```
atcactgtcg accttcatgc atctcaaatg cttggntttt tcaaatgtcc ttgtcgacna    120
tctacatgca aagnccatcc tccaaaatgg atccgtcaca acgtgtntaa ctggcgcgaa    180
gnggttgtgg cttcaagaat gc                                             202


<210> 1222
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 1222
caccaatttt cgaactcata tactggggtt aaccatccaa ttggatattg cgctcagctc     60
anggctggga ccaagctgtc aatatgtcgc tctttctaaa catgatccgt gacagattca    120
tcacgatacc agcacaggaa gaagactgca caggcaaaac attcgttgtg acaggagcaa    180
acagcggtat tggccttgaa acagtccgtc atcttacaga acttaaagcc gccaaggtga    240
tcttgacatg tcgaagtatt gaaaagggcg agcaagccaa gaaggacatt gaagaatcga    300
ctgggaagca aaatattgtt caagtttggc atctagatct cgcttcgtat gacagcgttc    360
gggaattcnc ttctcgcgtc aacaaattgg agcgtgtcga tgccttcatc aacaacgctg    420
gccttctcga tttcaatcgt gagatgattg aaggccatga atcaatgttg ctgcaacgt     480
aatatctacg actctgcttt cctccttgtc ttgcctgccc taagctaaca gcgatgaggg    540
tcaatatcgc tcctcacctt gtcattgtat cttccgacnc acttttgatt gccgcctcct    600
ttangngac                                                            609


<210> 1223
<211> 587
<212> DNA
<213> Fusarium venenatum

<400> 1223
aaaacggccg atccatgtga agcccaaatc gcgacatcgc catatttaat acaatacaat     60
acctaaaaat aaaccgatct tcaatatggc agcttccact cgaagcctcc ccagagcatc    120
agtcctacgc gcctcaaggt tgacacaggg tctgacctct cgccgaccct tccactcata    180
cgatcatcca ccaccaccag gaccatttgg cgatgcagaa aattccatcc ttgccgccgc    240
ctacaagcac gtacccgaac tcggattctc tcagaaagct ctcggtcgtg gagcaagaga    300
tgccggttat ctcgacatca gtgcaagcgt tatccccgat ggcgcctttg gcctgatccg    360
ataccatcta actatccagc gagaagcttt ggcagctcgc agcagggaaa tctttcctga    420
tacagatcat ccaagtgttg cggcaagagt agaagctctg acatgggagc ggcttatggg    480
caacaaggag attctgggcc gttggcaaga agcattggcc gttatggcac aacccagcta    540
cgttcccgag tcctaaaaag acttgccaaa ctctcagaca aaatttg                  587


<210> 1224
<211> 312
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 1224
ncgactccct caacaccgat actatcaaca attacatatc ttgayggaag cagaacgcga     60
ataaagccac catgtctgac ggagttttga agcccgagaa ggacttctcg aaggaggttg    120
atcagcagct ccctgaagct gagaagctgg ctgcgtcaaa caacctccaa ggcgccattg    180
agaancttgc tgctctcgaa aagcaaaccc gacaagcctc cgatcttgcg tcaacatcac    240
gagtactgat cgcaattgtt acctatgtta aaatgcangc gactgggant cttttgaacg    300
```
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acagaccttg gt

<210> 1225
<211> 254
<212> DNA
<213> Fusarium venenatum

<400> 1225
cgaagctctc ccacaatggc tcgctgctca gcggccaagg ccactggtga tgccaggaca   60
aactttatgg cccctggtat ggaggaggat aagcctatgg gtcaggtcga gtatggcgta   120
taacgtggtg gttgtaaaag aatagaaaga tctgctttgt tttattgcgt ctgggaagtt   180
cgtagtatgt acatattgga cgtctgacag agggctaaag gtagataagt tgaataccta   240
attccttcgc tacg   254

<210> 1226
<211> 680
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(680)
<223> n = A,T,C or G

<400> 1226
gacgaatcga cgaacgacac ctcaatcgaa accaccactc gtcattgtga attatttcgc   60
ctgtcacaat gggtatctgg gacgctttca ccgatattgt cgaggctgtg accccatgga   120
gcgttgttga ggccaaggct cctgctgagg agccccagga ggagaacgag tccaagaccg   180
aggagtccaa ggacgagcct gaggaggagg aggaggatga ggaagaggag gaagaggagg   240
aagaggacga ggaggatgag gaggaacctg tngaccccaa ggagaccctc gaggaagagt   300
gcaagaacgc tccccaatgt gcccccgcca agcaccactt cnacgagtgc gttgagcgtg   360
ttcagcagca ggagagcgag ggtggcgcca agnaggactg tgtcgaagag ttcttccacc   420
tcgcccactg tgcgaccgct tgcgccgctc ccaagctctg ggntcagctc aagtaaatta   480
acatcacggg gttatcggtt cctacgacga tggaatggct acatacacgt cgaaaagata   540
cctgagccgg aacgaggcag gactttctcnc tacgaaagc tgcttccttg tacgaatgct   600
catctgttgg gtgtcaagtc gtccagaggt ttntntgatg tcggctctct ctgtaccata   660
cgctcttacg cctgaataga   680

<210> 1227
<211> 565
<212> DNA
<213> Fusarium venenatum

<400> 1227
ggcaacggta cctacaaccc ccccaagcct cagccccca aggagacata ccctgtcccc   60
gttcccgttc ccagcaagcc tgtcaagcct gagcaccccg aacagcctca gcctcctaag   120
cctgagcacc ctgagcagcc tcctcagccc gagcagcctc aacctcccaa ggagaccaag   180
cctgttgctc agcctcctgc cgagactcac cctacctacc ccgttcctcc tcagcccgag   240
caacccgaga agcccgagca gcctgagaag cctgagcagc cccagcctcc taaggagact   300
cagcccgttg ccagcctca tgctcctccc gctccttcca agcctgtcga gacgctcct   350
gttgttctc ctttccag caagctgtt gagacttacc agtccctcct gcttccactc   420
ccactgagcc cgctgaagtt gtcaactctg ctggacgttc ccgtggtagc atccaggctg   480
ctctcttgc tgcggtatc gtcgtttct tcctgttaac aaacaatatt tgttattcct   540
tctaagctca tgaaggagca tgatt   565

<210> 1228
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 1228
ccggtcactt ctaaaactac tcaagatcgt tgtgccagga tggcgcagta aagagtcaag   60
gctgttgatg agccacagtt tcttcttggt tctcaggacg ctcattagtg tgcgcgtagc   120
tgagatggat ggtgctatat ttaaagctct ggtgaagggt aacggggaaa ggaaattttg   180
aaacgtatag tatggtggat gctgattggg ggtcccgcaa ccttcaccaa ctccatgcta   240
tcatatcacc aaccgagtta tctctgaagt acgatcacgg ctcaccaaca tatcccgaca   300
aatatctatc caacctgacc ttctatgggc attcggctct ggatgatcga ataaanaacc   360
cgatcngttg aatgcggttg angtttcaaa attctctaat ancctgcnga gctatacaca   420
atttanccaa ccncgtnaga tataatatat atactggtct tttccaaaaa ctcngtggtg   480
aangtgtcctc tcctgtccct tggt   504

<210> 1229
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1229
cgctaacgtc atgggcggtt cagtcgttct caatcctcta tcatctcatt acaagactct   60
caactctcta tttcgggagt ctcaccataa cgagcttttc atcgcagacg cacaagtgct   120
cctttccaac tcgagcgatt ttcttgagcg aacgaggatt ctcaatcgaa atgctctcgc   180
tatggcaaac tttcttgaca aggccatatc ctctcccaac tctcctgtca tcaacgtgca   240
atatccgagc cttctagata acaaggcaaa ctacgatgcc atcttacggg aagggacacc   300
ggatcttcca gagccagggt atggatgtct tctgactgta gaattctcta ctgttgaagc   360
agctacatcc ttctataata gggctggatt ttacccaagt cctcacctcg gaggccatgt   420
cacgaatatg ttgccatata atatgatggg tttcagcaaa gaacctgaag agaaggcata   480
tatggatggg gttgggcgtc agaanaacca gcgtaccgta tttcacccgg ctggagagtg   540
aagaggactg attgatcctt accagatgcg ctgagggcgg nacagacctc ganggttgat   600
taccaaaaga atactaagga tcttaaggat acttanggct   640

<210> 1230
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 1230
cttctcacog agtaacctcc cttgtctcct ctcattgggt actttgtctg ttgggtttgt   60
atttcgaacc tctctcttct ttcctcccca tcctctccac agcctgttct acaggtcttc   120
ttcattcgcc atggcctcta ctcatagttc caagcagcgc cttgcgctcg ctatctgcga   180
ttttcttttct gcctcaacaa acgatggtac ccttaccgcc gacgacaagg actccatcga   240
tgttgcnatc aactgtatcg ccgagtcttt caaggtcgac ctaccgatac tctgccgtct   300
caguagcatc ggatcgcaga aactccttca aatttactcc gtcttcgaga aggccgcgct   360
gataagccgc cgccgctcct actccgcacc gtcgtgctca ccgangaaca gaagaangaa   420
gccgaagctc tgaagtcaaa gggtaacgct gccatggncc agaagganta cagtgctgcc   480
atcaacttct acactcaggc tttgggcatc aacgccagca acgctgtcta cctttccaac   540
cgtgctgccg cccactccgc caacaagaac acgcttccgc tcgctctgat gct   593

<210> 1231
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 1231
tagcaaataa ccaccgaggt tcttaagcga cgaggttaca agcaaaccat tctgangggt   60
ctttctctct actctcttgg cgccatcctg ttctggcccg ttgccaagtc ggccgactcc   120
aatgccaacg gacgcgcagt attcggcggc ttctgcgcgt gtacactcgt gattgcttgc   180
ggyctggcca ctctcgagac ttctgccaac tcttatcag tcgtcatcgg tgacccagca   240
agtgccaacg ctcgcctcca gttctgccag tcttggaacg gtgttgcctc gttcattggt   300
cccttgatcg cctccaagtt cttcttcact ggtgagaacc agaacagcct taccaatgtc   360
cagtttgtct acctcgctgt cgcctgtgct ggtgccgctg ttgctgttct tttcttcttt   420
gcaagcttct gagatctccg aggctgttat cgaggatgan gcttggacac agcaacgagg   480
gctccatttt ggaaacaata caacatgtgg gtcgccttng gngctaaatt ctgctacgtt   540
ggggcccagn taccatcgcc accttttta tnaactacnc taaaaaaaac nggggggtct   600
ntactgcct   609

<210> 1232
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1232
gcttaaactt ccacttctac tatgctcaac aatcgcaaac aagcgcatga cacagattca   60
cctgcgagat ccattacccg ctaccttttc attttgccc ttccgttact agttctcttc   120
atttggaata aggtattcag tagcaccaaa acggagacca caaaagcaaa catgtcttca   180
ggaagaatcg ccccgctcgt ttttcctgcg gcatcccagc acacagctac agtcatcttt   240
gttcacggtc tcggtgacac tggccatggt tgggcgagcg ctgttganaa ctgggcgccg   300
gcgacagaag ctggatgaag tcaagttcat cctgcctcat gcacacaaat ccccatcagc   360
gtgaacatgg ggaatgaaaa tgcctggatg gtttgatatc aaacaacttg ggtgggaaan   420
gtttactctc tcgttctaa cgaaaattnn aaggctccag gctcanccaa aatncttccc   480
naatctcttc aaanaaaaaa tgggntccgg gaaatttccc ctnaacngca tngttctcgg   540
nggnttcctc angggtgggt gccatnttct ccnt   574

<210> 1233
<211> 486
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G

<400> 1233
cgtcaatatg aagaaccgaa ctcagaatgc tccgaaagcc gggcgctgcc gaaccctaaa   60
gaaacgggaa cactaacatt tgggtaaact ggggggccac ttccgggtgg gttgaagaaa   120
gcaagcgaag ggtatcatca ncctaacggg tctgttccgc caacccgaac aagaaaccct   180

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tggggccggg cgcctcccca cgatgccatc ttcaacactt tccgcccgca ccaagtccca      240
agatcttctt ctggctccct cccatggttg ccggttactg gatgatgaac tgggccatcg      300
agcgaagcga gtaccttaac tccaaggctg gtcgtgccga gttcggtgac gaagaagant      360
aaatttgtta tattctggca gcaaaaccat ggcggatgtt ttggggtagg tcctctggac      420
tcattgttca tcatcaatac ctagatcagg aagtgcaata gacatttgtc caatatttct      480
tttttt                                                                  486


<210> 1234
<211> 505
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 1234
cacgaagccg gtcattctca aggacctgca ccattgactg tcaactcctc caacttctcc       60
ttgagctcgt tagttgattt gagagtgcca tttgtttcag cctctccgtt cgtaagctcg      120
gcaggcgtct ctccgttcgt caatcccttt ctgatggcga ggacactgtc aacaatgaca      180
gcatcgatgc cctgcttgac ctgacgctgc accaaatgtc agcgaattca cgttgtttct      240
atcatgttta gtaaggctta cctgaaccat gataggatcg ttgtttagca cgccatagct      300
gaagcataca ataccgtttt cctttacaat cttgatcaaa cggggggctgt tgatgaaagg      360
ctccgcagcg gcaacgatac ctaaaaggtc cagcgactcg cgaaacgaat agcttcctga      420
agcgacaaac ccgaatgtcc atacatcaca acagcctgcg tctgtnaagg aanaaaatag      480
gaatagaaag gcgcttgtta cctca                                             505


<210> 1235
<211> 419
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 1235
ctcctctccc accacaatct cctccatcac agcctttaca atgtttgcgc gaacagtagc       60
ctcgtccctc cgacaagccg cccggcccat ggccgtccgc tnaacagcct ctgncttccg      120
cacccccatc gctcccctaa cacccttnca aacccgtntt ctntccgacc aaacccgatc      180
cjatcgaca aagccgtatn atccgccccc gtcgtgctct tnatgaaggg aacacccgaa      240
accccccagt gcggtttttc gcgcgccgca tccaaattct cggtcttnag ggnycaaccc      300
cgacaagttc gctgctttaa cgtctcgagg atctgactgc gcgagggtat taangagtac      360
tccgactggg ctacgattcc caagntttac gttgaaaaag attcatcggg gggacggat      419


<210> 1236
<211> 962
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(962)
<223> n = A,T,C or G

<400> 1236
ttcatctttg tttctctatc ttgtaatctt tgttccaacc tatcgactgc gtcttttatc       60
tattataaac tccttctccc cgtcataaaa aaaccaccac ctgcataatc attctggtct      120
```

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ctccgatctc gccttttttgt ggcccaacaa ctccccgcgc cagcgccgaa ctatcgtacc    180
attgacctca acaagaaacg ttaaatcgtg cagcgacatt ttttggatac atcaccgctc    240
aaacgcaact gtactcattg cgcatcaatc ccctcaaagt atagcttcta cgacaagcta    300
gcttctcaat tgccttttac tcgcgacggc ctcatcgtta caggtcgcct anaatgaacc    360
tgaacaaggc cgctcgagtc atcctctttg gtgccctgg tgttggcaaa ggaacacaga    420
agcgagcgct tgctctcgcg cttccctcaa ctcaatcaaa tcagtaccgg agatcttctt    480
cgtcgaaatg tcaaggatag aaacaccact cggcatcaag gtcgagaaca ccatgaagct    540
ggtggccttg tggctgacna tttaatccta cgacttattt ccaacgaatt ttatactcgc    600
ggctggcttg ccaagaatgg ctctaatgtt atgacctttc atccgaagcc acagcactcg    660
aacattcttt caacaacaac gctggtgtcg aatctttcat caacgctgcg cctttcctcg    720
acgggcatag acatctgctg cctcaacnac cctcagcttc gtttatcctt gacggttccc    780
tcgaacagca tcccaggccg tcccttgaca aacttatccc atcaactggt ctctcactca    840
aaanaccgtt ttcgtttcct gaacccttct cgaacttngg tcatnaacct tccggccgtt    900
ntacacacan ttcaacccccc caaggtcccg gaaagangaa tccccgggaa ccctgatcaa    960
cc                                                                   962


<210> 1237
<211> 269
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G


<400> 1237
cgatcgagct caagttgttt atcatgagat gccggggtgg aatacaccga ccacgaacgt     60
gaagaccttn agtgatcttc ccaagcaggc gcangactat gtngagttca tcgaaaactt    120
nattggagtc aaggtaaaat ggattggcac tggccctgac cgaacgagta tgatcaagaa    180
ataagtccgg cggtggacgc cataccagcg acgagttgtg tgtcgctatg atggttagaa    240
caccaatttt aaagaccaat tgtcncacn                                      269


<210> 1238
<211> 643
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G


<400> 1238
ncaccgnatg gggggcgncg tggacgtgac cagcttctgg cagaggaagc ttcgaacctg     60
gtatacgcgt aaaagccctg ttgaactatg gctggaccta ttgaggacag cagaggtctt    120
tgaagactgg gaagaagccg cgctgcatct tgatnacctc ctcggncttg acttatggag    180
gaataaccca gcttctaaat attatgactg gagactcatt ggcgaacgtc tggactcnct    240
tgcgacagct cgagaagatg ccaactttca gcagctcgtc aatctattaa gatctggtct    300
ggtccggaac ctagggaaca tcacctcacc caaactttac gaccgatcct ttgttggcgc    360
caagtatctt atagaagagt acattaccca gattgctgaa gcagtggaag atattcgtgc    420
cttcctacg acgccatccg ctgtccatga ccatgggcca tctctgacga cacagataaa    480
gctagattgt atacatgata cgagacaggc tttcgggaga agcaccctcg ttcttcaagg    540
cggtgccata tttggcatgt gtcatttggg cgttgtgaan gctctcttct tacgcgggtt    600
acttcctcgc atcatcaccg gtcagccacg gcgccttgat agn                      643


<210> 1239
<211> 470
<212> DNA
<213> Fusarium venenatum
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<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 1239
ggtcgactca cagacttgga gtttcttgct cgacgccttc gtaccggcca gtctcccaag   60
caggctatgg aggagattgt atccgagaca gccaccgaca tcgtgcgaat ctaccttctt   120
ggcaagccgt ccgatattga gggcaagaag ttctctcctc aacaggcctg gcatcttgtt   180
aaatctcttg cgaaaaaccc gaagctgcgt tacaacgaag tcgtactctc cgcgccattc   240
tcctctgccg ctcctgctgg ctctaatgcc gatgctgcta tcgataacct cgtcagtgcc   300
gaacttattg cagtcaaaac gtaccaaggc cgccaatgac tatcacaagc cggcaagccg   360
ctgcaccaag ccgcgttctc tggtcttctc catgaacgcg tgcttcgcgc gaagatggat   420
tatgataccc tgnacgactc atccaaagcg gaggctcgtt cgattgagaa   470

<210> 1240
<211> 472
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 1240
gagaacgaga tcaagaaggc ntaccgcaag atggctgtca agcttcaccc cgacaagaac   60
cctggcgact cccaggctga ggagaagttc aaggacttgc aggaggctta cgagaccttg   120
agtgaccctc anaagcgtgc tgcctacgat aacggtgatg accttatgga ccctaacgac   180
atgttcggtg gcggcggcat gggtggaggt atgggaggca ttgaccctga gatccttttc   240
agcatgatgg gccagcaggg nttcggcggt ggaggcggcg gcttccgatc tgcttggagg   300
cttcctggtg gtggccgggn gggcccactt nacttttgg nggtgatccc anacaacagc   360
gtggaggata ccctggtggt ttcnacttnt tatgaccata tggcgctgat gatgacgatg   420
accacnttga tagttaaagt gaggaccaan gctcnttttc tttgacgagg gg   472

<210> 1241
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1241
atcaccctcc actctgactc tgaggttagt tacgacatcg caacttttcc tctttcctga   60
gtactaccaa acaaaaaaca ccagtttcat ttcccccac cagtcgcatc acccacattc   120
cggagctttt cgcaaggga ggcaaaaga agggcgacaa cagcaagaag ctcaggcaa   180
cgctcgcaag gcagantccg cngccagaa gcaggcngcc gaagacgctc gtcangaagc   240
caatgaagcc gataagtgga acaagggagc caagagcaac gccnagaaag aagctgctgc   300
ngcaaangct gctgaagctg agaagaanaa gctgagaagc tgctctcgaa gccgangaag   360
atgccaacaa tccctcaaag ggccccaaga agtcaaaagc tcctgtcnag aaagcgcgtg   420
gacttgnact ttcccaactc gacgacgana agccttcagc catcaacgcc tctggtatcg   480
acaacgcct cgatgccctg tccctgacag acaacaagga cgatggcaag gtcgaacgac   540
accccgaacg aagatacccc gccgcatacg cccagttc   578

<210> 1242
<211> 595

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 1242
caggcgcacg catctccatt gccaaggcac cccacgatga gactggtgag cgtatgttca   60
ccatcatggg taccgctaag gccaacgagt cggcactttt cctcttgtat gagaacctag   120
aggcggagaa gatgcgccga agccaacttc aagaggccga atagccgact ttcagaagaa   180
atctcgttga tttttgcttt tctcgtgctc catgcgactt gctaaaataa gttttttggca   240
ggatgggctg gggcatttca gatctgactt gccgcgaggc ttgtgttttc agttaggacg   300
ataccanatg gcagcattac gagcgactga atccatttgt ccgacccatt cccccttatc   360
aacccgaaa accctccatc ataaaactcg tntcttttcc tgattcttac ccttctcaat   420
atctttgcta catcaattag ggtttgacta gtgtcgattc cgactcgagc cttactgtca   480
catcttcgcc ttttaaaccg aaccagcttc ttttttttgg gcgagcagat cgctnccaaa   540
cactgcagct tgccgtctat atcagcttcg cccacctgga gtttttggca atggc   595

<210> 1243
<211> 336
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1243
gcacccgtcg ccatgttttc aaccacctca atggtcttcc gggccggcgc tcgtcgcgtc   60
gttcgacgat ccatccccgt cctccctgcc atgggcccca gccctacccg atacctcgcc   120
ggtcgaaaca acttcgtcat tgctagtgtg agccagcaac ttcagcgacg tggttatgtt   180
gccganacaa accccaaccc tccttttgga aagaanaatg cttcaaacga tggtcctact   240
cgaattggtc taataggcgc ccgaggatac actggttcag ctttggttga gcttcttaac   300
gagcacccca acatggagct tacccccaat ttgggn   336

<210> 1244
<211> 414
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 1244
natctcgtac gcgtcggccg tgggcaacaa gctgatgctc accaagacag gcacgggcgg   60
tctctcagag ctggtgggcg agcttgacga tggtcaggtc cagtacggtt acgtgcgcgt   120
ggagtacgcc aacgacaagg agagcactcg tgttaagttt gcgctggtgg tctggattgg   180
agaaaacaca aaggtcatgc gcaaggctcg tgttagcatt gagagcggtg atgtcaagag   240
gcagctttcg catcatagca ttgcggtcac gacgggggat aagtccgagt tggatgagag   300
gaatattgtg gttcggttga ggaaggctgg tggtgctgat tacaatggag gacggggtta   360
atcgactact actacacata catacatgca catacggagt acacatgccn aata   414

<210> 1245
<211> 586
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1245
tgcaggtaca ggcgcttctc tccggccacg ctgaacaaga tccccgagcc tggcgcggct   60
ggcttcgctg atgctttggt gaagcttgtc gatggcgagt ctgagtggga tgttgaggtt   120
ctcaaggacg ctgtcaccat gcccaagggt gtcgttctgc gtatgtgcga tgttgactgc   180
ggaagcaaaa ccgtcggtat ggtcaanaag gtcctcgcgt ggaaggcctc aaacgccgac   240
gaatccaaga ccctttggga tgaactgcag aaacgtaacg agcaattgat tgccactctt   300
aacgccggcg atgttgcaca gctgcccgan aagatcaccg ctgtgcgaga gaagattaga   360
gagatgggca gcgcgagcga agttcccatc gagcccgaga gccagacaga gctcctcgac   420
gctctcagaa ccgtcaaag ggtctatggt ggtgttgtcc ctggtgcagg tggttacnat   480
gaactggctc tcctactgaa ggacgatgag gagacaaanc naccaataaa agtgtttttg   540
ganaagtggg cagaanaaaa tggtacaaag gtcaaactgc tccgcg   586

<210> 1246
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 1246
ctgtgccctt ccagctttcc ttgttcctgc aagccctcct acgccagttg gccctgcttc   60
tgagacccca aagctcagtc tccgggagtc catcagcgtt ctgagcagtt cttttggaaat 120
ttggttgatt ctcattccat tcggcgtcta tgtcggcttc ttcaactcaa tctcttctct   180
cctcaatcaa atgctcacac cttatggcat tagtgatgac naagctggta tcggnggtgc   240
agtttttgatt gtcgttggtc ttgttgcatc cgcgatatct tctccgatca ttgatcgcac 300
aaagagtttt cttctgacac tcaagatcct cgtccctctc gttggtatca gctacttggt   360
ctttatttgg atgccggaaa ccagggatgt agccggccct tacgtggtcc tcgctatctt   420
ggggcctcct cgttttcact ggccctgtcg cactcgaatt ccttatcgaa ttgagccatc   480
cactcagccc cgaggtcact tcaaccgngg catgggctat gggcaactct ttggcgctat   540
attcatcatt ggtaagagat gcgcttgcag cggcaaagat gccaatcctt caaanaacat   600
gaaaaaccca ttggtctttc aagcngtct   629

<210> 1247
<211> 827
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

<400> 1247
taaaccataa tatccactta aactttagat ccaaactcgc attgtttttc tttctacttc   60
caaaactaac cgctccatca aaatatttat ataaatcaat tcccctctac tcccccacca   120
aaaccctcaa acttccatca ccaccaaaac accaacctaa acctcacaca acctcatccg   180
aaatggccgc cccttctgac tctgtcgtcg tggagatcac ctccaaggct caattcgacg   240
agcttgtcaa gaagaccccc tacgtcgccc tccaggcctc cgcctcgtgg tgtggtccct   300
gcaaggccat ctcccccatc ttcaagaagc aggccgccga gcacacctcg gaaaagttcg   360
ctttcgccaa attcgacacc gacgatgtcc ccgacctcgc ctttgagatg ggcatccgat   420

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```
ccatccccgc cttcttcttc ttcgagaacg gcgacaagga cagcgacctg atgggtgccg      480
tccctcccaa gctgactgcc gctatcggtg gctacgccaa gaaggccaag ggtggtgatg      540
aggaaaagcc tgctgaggac aacaccctca agaccgatga gaacttctaa acgagaactt      600
ttcttaaaga acaaaaaaca ttacaaagca accggctttt agaagcgcag gtttcgcaag      660
ggatacccct agaaaacgag gcgcaccaag acaggcagca ntatattacc cacaatttcc      720
acaagattca ccattgagct aggaatacga ctttagccat gcgaaaagca tagttttaag      780
taggatggcc cgcgccggtt agctaagaat agatcacatt ttacttc                    827
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<210> 1248
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1248
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ccaggctcta gacgctgggt ctatcaacgg tgtcatatgg gctgttcccc agaaaccgcg       60
taccaacttt gacatttcca agacttatcc tctagctgat ggttcaatca tcagcgtcga      120
aggtcttctc aatgataccc acccacactt ccgccttccg gtgttcgcac cccaaagagc      180
cgtcttggca catcccaaca ctgtattatt tctcacccac gggggtggtt caagtgccaa      240
cgagactctc ttccacggta caccagtcct tgcagggggc tacttcttag atcagctctg      300
taacagcgct cgtctcgcag catcgggcgt cggaacgtct cttgacaaat cttatctaac      360
accgtcctct atcgcatcgg ccatcaaaaa catcacntct gacaaggatg gatcgttcac      420
cactaacgcc cgccgcatgc aacgcataca atcctcaatt ccaagcggaa acacctcgca      480
gctgaacta ttgaagaagt catggtagat canaaatccg gttcgcnacg gcgttgactg      540
cgcctatgca tctgcagana gcgnatatgc cctgccga                              578
```

<210> 1249
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1249
```
ccgccttcag ctgctgcgcc agcaatccct ggacgaggac ctccagtacc gcctccagga       60
aggagcagca ggcttgagga agacaacgcc gatgggatcc aagcctccac ctcctcctat      120
agggaagaaa ccgcctccgc tgccgacatc gcggaaaccc tcgtctatgt cgctgccacc      180
tctgcatcct caccaaactt ggtaccttca gctccccctc ctccaccgcc ttcgagtcac      240
gcaccagctg ctcctcctcc acctcctcca tctgcggcac ctccgccccc tagtcaatcc      300
ccaggatctt ggtcctcggt accacctccg ccgcctcctc ctccgcctgg agcaaaccat      360
gcaacatcat cccttgctgc gcaggtacc attcgtgctg ctggtcaagc atcaccaaac      420
accgcacctc ctccccctcc aagcgagtgc gccttcacct ccggccacca acaacacgtt      480
ttcgangctc ctcttctcag ccactccatg tttggatcca agtatgtttta ctttgaccgc      540
aaacggaaga aaagtcacca agttcctacg cattcgcctt cgcaaccacc tagt           594
```

<210> 1250
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)

<223> n = A,T,C or G

<400> 1250
caaacccaac ttcaaacaac ttcacttcat atttataaaa tgtgacaggc gatatttcgg   60
gataataaga tcaatttttc tatatgcccg actttaacaa tgcgggactc tcgcccgcga   120
ccattgagtc tatcgctggt ctcagtgctg gaactgtctc aactttgacg gtgcatcctc   180
ttgatgtagt caagactcga atgcagatct atcgcagcac agctcctggt gcggtccgtc   240
caacgacggt gtctatcctt cgcgcactga catctacacc tcacccgatc gcctctctct   300
accgcggtct aacgccaaac cttgttggaa acgcctctag tngggcttct ttcttctttt   360
ttaagtcgcg ctttgaaaac gctgtcgctt cttggcaaag ccgcccggat ggacgcccaa   420
caccgggtga ctacttcgtc gcgagcgctc tggcaggcgc ttngacgacg acgctgacca   480
atcctatctg ggttcttaaa gccgtatggt atcttctgat cgcggctctc aagggcttac   540
ccttntatgc tcgccggngc tcgctntatt nttcaaaccg aaggcatcgg ggctttatc   600
gcgggttggg gaatctnttt gggngggcgt atctcacggc gctn   644

<210> 1251
<211> 981
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(981)
<223> n = A,T,C or G

<400> 1251
ggctctggtg ctgagggctc tcgtcgccga gcttctggac gtgcccgcga acgtgaacgt   60
gccgtgaga ccgcactgcc cgcactggtc gtgtnagtca tacntgagtg tcatgatttc   120
tgaaacgctt actgacaatg ctacagnagg gtgccgagaa gaaggagggc gaaactactg   180
aggctgttgc tgccactgat gatgctgcta ccgcagccgc tgcacctgcc accactgagg   240
ttcaaccttt gtccgatatc acaaacaaga tcaacactga cgcaaacgca aagacctcta   300
agacccaacc tcgccctcag cgtgagcgcc gtgagcgcgg ccctcctgct gacggaattc   360
cttccaagac caaggtcatg gttgccaacc tgccttacga ttctgaccga ggacaagctc   420
attgagcttt tcaaggctta tgagccctct tctgccaaga ttgctctccg acctattccc   480
cgattcatga tcaagaagct tcaggctcgt ggtgagccc gcaagggtcg tggcttcggt   540
ttcgtcactc tggcttctga ggagcttcag cagaaggctg ttactganat gaacggaaag   600
gagattgagg gccgtgagat cgccgttaag gttgctattg acagccctga taagaccgac   660
gaggaacacc acgagggtga tgctaccaac ggtcaaaaag anaacatccc cgccactgag   720
gctgccctg cggctgctcc tgctaccggc gccgtggctg ctgcccctgc cactactgct   780
gcggctcccg ctgcggctcc cgctgccacc aaggctgntg aggccacccc tgcctctacc   840
actcccgcca ctactactgc ctaagttaag gcacggcgcg agtttcacgg acatgaacct   900
cgtattatgt catgatgatt actctaacga ttggggcatg cgatttcaac gatttctntt   960
acgggagatt ctcctacaac n   981

<210> 1252
<211> 654
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 1252
caagatctct gatcgagctt gttccgccca cgccagactc gcccgcaacg uaacaatgac   60
tgaccgcgac gttctccccg acaatgtcaa gcccaagcac taccagctgt ccttaaggga   120
gcttgagttc accaactgga cttacaaggg aaccgtcacc atcgactcgg aaatcaccaa   180
gcctaccaaa gaaatcatcg taaacactct cgaactcaag ctctctcgcg ccaaggtctt   240
cgtcgactcc aagtctgcgg aatcgacaaa gtttgactat gacgccaagg cccaacgttc   300

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```
taccatcacc tttgacgagg agctccccgt cgcttccaag gctgtcatca ccattgagtt    360
cgagggtatc atcaacaatg aaatggctgg tttctaccgc agcaagtaca agcctaccga    420
gactccttcc gcttctgtcc ccaacgatgg cgaatggcac tacatgttca gcactcagtt    480
cgaggcttgc gatgctcgcc gagctttccc tgcttcgacg aacccaacct caagggcacc    540
tttgactttt gatattgaga nccccttctga ccagggttgn ttttgagcaa catgcctggt    600
caaggagact cgtccnttcc aaggatgggt gggaacaatg nggtaatttg agan           654
```

<210> 1253
<211> 505
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 1253
```
gcgaggcatt cttgttgggt gctatgtcta aagcacttgc gactatcgcc actcaacctt     60
tgattgtggc caaggttggc ctccaatcaa agccacccccc ggctcgcaat ggcaaaccct    120
ttaccagttt cgttgaggtt atgaagttca tcatanaaca tgaaggcatg ctgggtttgt    180
tcaaaggcat tgggccacag attctcaagg gccttctcgt ccagggtatt ttgatgacag    240
caaaggagag ggttgagttg atgttcatcc ttctgattcg atatatcaag tccattcacc    300
tccgcaaaat cagccgtacc gctgagaaac tgcagcagca gcagcagctc acagcgtgcg    360
gcgaaaccgg tgacaagtac ttagattagg gcnacagctg gtgaggacaa tcacaacaac    420
gggtcatttn gagaagaagg tttttgcaaa antggataaa acgatagtag ttnttngttg    480
ctattctcca taatacgtga atctt                                          505
```

<210> 1254
<211> 871
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(871)
<223> n = A,T,C or G

<400> 1254
```
cctctagtca atcgctacct cgttgtgcct cttacctacc ttaattaata ctcagtcatt     60
ctttcaatca caaacaacct tccaaccttc aaaatgaagt acactatcgc taccgtcgct    120
gccttcgcca ccatggccct ggcccagccc gctttcacca acaccaagtt cgacctcact    180
gagggcaagc cttacaccat caccttcacc ggttgtgatt ctggctgcac tatcattctc    240
cagaacggag agtccaccga cctcaaggac tacaagacct tgaccagctc cgctgagggt    300
gactctttca cctttactcc ttctcagctc ccctcggaca cctacaactt caagatcacc    360
gactctgctg gtgaggccaa ctacagcgag cagttctcct acgagggttc ttacgacgct    420
ccctccgtca cctctgctac taagaccgct gcggagacca ccgccgctgc tgagaccacc    480
gagaaggcta ccactctcgt caccaagcct gtcgatgaga ccaccactgc taagcccatc    540
attccactc acgtcccgtt cccccccaaga acgccaccac tcccattgct acccccacca    600
agacnggtgg tgctggtggn actggtgttc ctgaggttcn cgtcagcggt gctacccgca    660
tgacctcttc ctggctctca ttgctggtgc cgccatggcc atggtttacn tcaactaagt    720
tatggacatg atttttctgc acgaataccc gggatgaaaa gagcggtttg atgagaatca    780
agttttcggt gtataattct actttaatga tygctttgtt tattcgtttc cgggtacccc    840
acgaaggcgt caccggccgg gttgtntctt n                                    871
```

<210> 1255
<211> 876
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

<400> 1255
ctcggtgccg ctactctttc cactgcggcc gaatcgcgaa acataatcta ctatgaccaa      60
tggcatacca aggatcttcc ctccaaggac atcaccagca gcgttaccca cgtcatgatg     120
tccttcgcca actcatctct cttcaccacc cagcctggtg gaaagtacga gcccttccag     180
cccctcgaga cggtgcgtgg cctcttcgac catgagatta aagtgtgcct tgctattggt     240
ggctggggcg acaacgccgg gtttgacgag agtgccaaga ccgatcgcag tcgcgagagg     300
ttcgccagga atgtcgcttc tactcttgac cgactttggc tttgactgtg ttgatatcga     360
ctgggagtac cctggtggta acggacaggg actacaagca agtccccaac tccaagaaga     420
cctacgagat caaggctttc cccaagcttc tgaaggagat caagaagttc attggagaga     480
aggagctttc cattgctgtt ccagctcttg atcgtgatat gatcgcttac attccttctg     540
agactcctct catcaacaaa tacgtcgact ttgttaacgt tatgacatat gatctcttga     600
acgtcgtga  ccattacacт acccaccacg tcttcatcca aggggctgcc cgtgccattg     660
acaagtacat ttctcttggc ttcctccctc caagcttgtc tcggaatcct tttacgccaa     720
atactcacca ccaanaaggt accctgcact gagctatcgt tgcctacgag ctctgagacc     780
cgagacgaac gaacggaaat cggttctgat ttgaggtgca actcctgcgc ccaanactga     840
tactctacga gcanngtgtg tgtactctca atccga                               876

<210> 1256
<211> 1120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1120)
<223> n = A,T,C or G

<400> 1256
tttgcgacac ctactgttct gcatctactc ccttattatc gactgacctc taaccatcgc      60
cataagagat ccgcctgacc ttgcgcaagt ttgagctcat ttctacactc gaccgacttt     120
atataccggc cgacgtcttt tctacattct ataacctcaa ccctcgacat caattactag     180
catattcacg atggatcact cacacatgga tcacagcggt atggaccatg gagatatgga     240
tcatggccat ggaggaggca tgaaggacat gtgtngtatg aacatgctct tcacttggga     300
taccaacaac ctctgcattg tcttccgtca atggcacgtc cgttcaacaa cgtcactcct     360
cttctctctt atcgccgtca tcctcctcgc cattggctac gaagccctcc gatctgtctc     420
ccgtcgttac aaacaagctc tcgataaccg cgtccgctcc gcccccagta agctttctat     480
ctccttctcc cgtctctgca cgggcattgc acatatttcc tatccaggaa accccaagga     540
caaaagaaaa cagaatgcta cgctgtatcc tcttgcccta tctgtctaaa gtctttgggg     600
aaaatataaa atcgcaccct tgctaagtct taccgtgagg tctgtctgat gctcctgtta     660
ctgaatcgac tcccatcctg tcaggacaat cccatggaca agccgaccag cgcgcccacc     720
tcatcaaggc cgtcttgtac gctctgcaga acttttacgc ctttatgctc atgcttgttt     780
tcatgacata caatggttgg gtcatgattt ctgtttctct tggcgcattt ctcggatatt     840
tgttctttgg acaaagaact tcggccacaa aggaaaacgc atgccactaa agacgaattt     900
tgtaagaaaa acgattgtgg tangggccat gcgttatgcg gcgttaccgt tggaacagct     960
attgtttga ttgaagtagg taatcacgta cctgcgggcc cgggcaaat cccattcaag    1020
acagcacagt aactttgggg ggaacccctc ggttaagcta tgctcagaat acacttanga    1080
taaacaaatg agtaaagaac aagccaaatt atttccgtat                           1120

<210> 1257
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(588)
<223> n = A,T,C or G

<400> 1257
ctaaccgtca cggtcaagga cggagatagc tcacgcgaaa tcagtgctcg catttcagcc    60
ttgccagcac agcacagctc tgctcgaggt ttatttgacc gcgatactac cctctggtgt   120
tcctgggggtg tcaagtctgg tggaaagtcg gtttggtttg gcggcgacac aggctaccga   180
actgtcccaa gtcttccacc cggaactgat gattacagcg ccgagtacga ccaccttccg   240
aggtgtcctc aattcaaaca aattggtgaa ctccgtggac ctttcgacct gggtctgata   300
ccgatcggcg cataccaccc ccgagcagcc ttctcgtctg ttcatgccga cccaaatgat   360
gccgttgaaa tctttcgcga cacgaaatgc cagcgagcga tgggtataca ttggggcacc   420
tgggcgctca caatggaaga agtcttggat cccccaagg tactgaaaga agcattacgc   480
aagaaaagca ttccggaaat cggggtgttt gatgtgtgtg atattggtga agctagaaag   540
tttagctgaa cctgaagaag acntgcagga attataaaac nacatgtt             588

<210> 1258
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 1258
ctatcactgc ggactacggt atcatcagcg ggccggcccg ttctggtggt gtcaagattg    60
ctcttgatgg taccagcaag gagatcaact tctttgtcgc tcacttgggt tacactcctt   120
atggacctta cgacacatgc tttgaccact accccgtcga caagatcatt gagcgtgagg   180
ctcagtctgg tcgcactcct cagatgaagg ccactcttgc tggtatgaag agtcagcttg   240
acaatgccga cgacactccc gttttccttg ttggcgactt caacgccccc tctcacctcg   300
actacaccga cggtcttaag dacaagaact gcggttactc tggcatcaag tggcccacct   360
ctgttctccc tgaggaagcc ggctcattga ttctttccgc gtcgccaccc cgatcccgtc   420
aaggagcang gtatcacttg gtcttccatt tacatctgga acggnggccg ncgtcgacct   480
gnacctnttt gaccgtattg actttgttct acacaanggc aagggtcttg aaggtgaccg   540
acttccaaac tgtgggtggt ggtgaanccn aaccttancc caancacaag gagaatgagt   600
nggttntttg acct                                                     614

<210> 1259
<211> 636
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 1259
gcatagcaag acaacagtta agctactctg tcacttattt cttctatctc agaccctctc    60
aagcagcaca attatatatt tcctctggc atagcgtca aacggcacc atgtttaaga   120
aagaaatcca gccttcgccc aagcagaaag ctcaaatctt ccgtccagcg aaaccctccg   180
caaggatcta ctcgacacat accctctcct caacacctat atcgacaaga tcatgcccaa   240
gaaaggccac cctttcgagt atgaagctta ccgacggcaa cacctctac gttctcgact   300
cgacacccat cttcttccag caggacctga caggaatcct tattccccac ctccgacttg   360
tcatagctt cctcaagcc ttcctagca tgcataaac gtggtgctat ccgttcgtc   420
ctctctggcg cccctcatgn tcctggactt actccgctgg tggcagantg ccgccnacgg   480
tcgcccgaag gtgtgccgag gacaaaatga ccnaaaagga caaaattccn atggattnaa   540
attggtcagg gtgagccgtg tntctaccaa ggcaagaaaa gctntgtgtg gaaactccnc   600
ngaacaagga gtaagcaggn aggggcgnat nagaac                             636

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<210> 1260
<211> 576
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 1260
```
ccctaattct ctgaacaaca ctccttctat cgctggagcc caagttcacg atgatgtttt   60
tggtgatatc acagatgaag gtcccaacta ccgagctgtc ggatggattg gtaccgncnc   120
ccttatgatg aagacccaaa tcggtcttgg tgttctgtcc atcccagctg tctttgacgt   180
cctcggaatc gctccaggta tcatctgcct catcgttatc gccgccatca caacatggtc   240
cgactacatg gncggcgtct tcaagcgcaa ccatcccaa gtatacggta tcgacgacgc   300
gggttacctc atntttggtc gcattggacg tgagatcttt ggcgttgcct tctgcctcta   360
ctggatcttt gtcgcaggtt ctggtatgct cggtctttct atcggtctca acgcggtctn   420
tctcacggta cctgcacagc ttgttttcgt cgctgaacaa acatttgngg cttntgcctc   480
gcagggtccc gacccttggc caaataacat gctcgctttg ggtcggtntn ggcttgnatn   540
aatgacccgt tttnttcacc gtcaccaatc gaagtt   576
```

<210> 1261
<211> 604
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = A,T,C or G

<400> 1261
```
ccgaactctt caagccttgc gcaaaattct ttcgacatat gccgccgaac ccgacggatc   60
agcgcccttg acatttgtgc tgatgggtaa ctttactcag catgctgtgc tcgcacgcgg   120
aggcagtggt ggaagtatcg aatacaagga atactttgat tccctggctt cggctctcag   180
cgacttccca acactacttc attcgtctac gtttgttttt gtccctggag acaacgatgg   240
ctgggtctct tcctttacag cgggtgcttc cgtaccattg ccccgaaagc aagtaccaga   300
catgtttaca tctagaattc gtcgtgcttt tgcgacagct aatgccgaag ctggaggaaa   360
gacagatggt acggcagttt ggacctcgaa tccaagcccg aataaagtct tttcgggcct   420
aaccacgagc ttggtctttt canagatgat gtgtctgctc gtctgcgccg agcctcggtc   480
cgtctnaagc ctnaagccaa cgatctagta cagatgagac acaaaagttc ggatnctnat   540
cttcccgacg acgttcaagc catggatatt tgagctgntc atcatgaagn accgactgnt   600
actg   604
```

<210> 1262
<211> 649
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 1262
```
aaaattgata aatacttatt ttataacaga gacgaggaaa aatggttaac gaaaagctca   60
tttgcgtcat tggcgcgact gggtaaccaa ggcggttcag ttgcccgtcg attcctccgc   120
gcaggtttta aagtccgtgg tttgacccccg aaacccatcc tccgattcgg ccaaaaattt   180
```

```
gaacgcggct ggtgctgaag ttgtttcagt cgatttggat gacatagaga cacttaaaga      240
agcattcaag ggcgccaaca tcatcttcag tgtgacgaac tactgggagc ccttctttag      300
acccgattgc cgactgcagg ctgccaagga aggcatctcg tgtcgcaaat ttgcctacaa      360
tgtcgaaatt cagcaaggaa agaatatcgt cgatgccgct gcaactgtgg ctgaaggtct      420
tgacaagaac ggcttcttag tctcaacgct gagtcaagct gaaaaatgca gtgaggggaa      480
atccanggat ttgtatcact ttgatgcaaa ggctgatgtg tttcccccat atgtcgangg      540
aaaaatatcc caacttgctg ccaagatgtc atgcattcac acaggctact tcttcaccag      600
ctttaacatt cttcccgacc tctatttgac aagtgctgnt ggctttgag                  649
```

<210> 1263
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1263
```
cagaacgact cggtatttat tttcctgaaa ccagtatcgt ttaagtttat attagggata       60
cggaaataaa gttttcgaat cctataccgc ctcttgagtt caagatgcct cacgttcctt      120
catcaactga agctganaat caaggcgatg cgcctgaact cgtctttccc cctgtcacca      180
aagaccatat tcaaaactgc tcctacgact cttggtttcc caagtatagg agctcttgtc      240
tcaagtctcg tataattcct ctacccccag ctttcattga ataccttcat gaagatggta      300
ttgtctaagg cggacgacga tgagcatcaa gacgaaccag aggaagagtg gcatgcatca      360
tccaacacat ctgcgacacc acaagcccaa gnatccagaa tcatcagacg acgaaaatga      420
tgagcccgag agattgccac caaaccaaag attcccagag acacataatc tcgtcaagga      480
gacgattgct gaattgggtg gctcaagtgg caccaaaagt taaactggtc atcaccaaag      540
gatgcgaagt ggatttcacc tcaccagaat acactcaaat gcacgacacc caatggattt      600
ctatnctgct tctcagtcgt ctttcttt                                         628
```

<210> 1264
<211> 355
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 1264
```
gaaataattc tttcagaggt tgctacatca cgacagaact ttgcaagaga gcttggtgct       60
acacgtgtcg tgaacccgat agtcgagaac atcaacgagg tcgtactcgg tttgactgat      120
ggcaagggtg ccgatgttgt gtttgactgc gccggtgtac cgatgagtat caaaagtgca      180
tgcgaagttg tcaggcctaa aggcactgtc gtcaatctcg ctatctggga gaaggagatt      240
nctttcaacc caaactggat cacgatgaag gagagctcgt acaaatctgt tctcggatat      300
gctcgngaag actttcaggc tgtcatcgca aatnttgctt aggtgctatt aagcc           355
```

<210> 1265
<211> 647
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

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<400> 1265

```
cggtatccga ggtgagcgcc ctgagcgcat tggtgacaag tgctggttgt acttccccga      60
ggacaactgc cccttctacc gtgccaccat cttctccaac tactctccct acaaccagcc     120
tcagaaggat gccaagctcc ctactctcta ccttgccaac ggtgagaagg ctgcttcttc     180
cgaggccaag gagggtcctt actggtccat catgcttgag gtttctcagt ccaccatgaa     240
gcctgtcgat gttganaacc tcctcaagga cagcatccag ggtcttatta acactgagat     300
gatcaagcct gaggacgaga tcgtctccac ctaccaccgt gctttcgacc acggttaccc     360
cacccccact ctcgagcgtg agggtgtcct caagcaggtc ctccccaagc tcgagtccat     420
ggacatcctc tcccgtggcc gcttcggcag ctggcgatac aaggtcggta accaagaaca     480
ctccttcatg ctcggtgttg aagctgtcaa tgccatccac agcggggctg tcgaactgac     540
cctcaactac cccgactttg tcaactcccg ccaaaacact tgagcgttgt ctcacccaaa     600
actttttttt cacacttccc aaaacaacgg aatcccaacc acttcaa                   647
```

<210> 1266
<211> 672
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

<400> 1266

```
gcatcattag caaacatggc gcgtggatgg tttgtcaatt gcgctgcctt tctcttggct      60
ttgaccgccg gagggaacgc gtaccgtctt cccgccctct ccgctcgcgc cagagacagt     120
ggtcccaaag ccgtcaacat cagtgttcct gtcgatcatt tccacaatga caccatctat     180
gagcctcact ctgacaagaa gttccctttg agatattggt ttgacgccca gtactaccgc     240
aagggcggtc ccgtcatcat tctcgcgtca ggcgaaactt caggcgagga cagaattccc     300
tacctcgagc atggtattct ccagatgcta gccaacgcca cgggcggtat cggcgtcatc     360
ctcgagcatc gttattatgg aacgagtttc cctgtgccag acttgaagcc tgagaatatg     420
cgcttcttgt cgactgagca agcccttgcc gacacagcct actttgcgca gcatgtcgag     480
tttcccggga tggaggacac aatttgactg cttccaccan cccttacatc atctacggtg     540
gctcctacgc cggtgctttc gctgctttcg cgcgcaagat ntacccgaac tcttctgggg     600
cgggatntct tcaactcggt gttaccgcaa ncaatgtgga attactggaa gtactttgan     660
ggcccacgtc tc                                                        672
```

<210> 1267
<211> 460
<212> DNA
<213> Fusarium venenatum

<400> 1267

```
aacttgcgcc ggcaggcgga cgatatggga agggaactcg aagagcaacg tgaaatgctt      60
gatcaaatag acactgatgc tgatcgtatc ggtggacgat tggcgacggg catgcagaag     120
ttgcagcatg tggtacggca gaatgaagat cgctatagca gctgctgtat agcggtcctc     180
atatttgtcc ttatactgct gctaatcatc cttcttatca tataatgtct gccatagact     240
tcaagagtca gatgtttagc tcctttacag cgttacgat ataaccacat gtgggattgg      300
agtttggjat ggggaattgc ttttcacgaa ttatcgtact ctttgaccaa gaaattttct     360
tatttcattt aaacgtgtac tagaactata tatagagtag cagcggcggg tttatttttcc    420
aaagttgttg tgttatctaa aggtttatca aaraattgcc                          460
```

<210> 1268
<211> 547
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(547)
```

<223> n = A,T,C or G

<400> 1268
ttgacgcacg acttctgttc tggtacattc gttttacttt atttctctgg actagtttca   60
tttcattatg ctgggtaagt tcctagttgc cgctctggcg gttgttgctg gagtcaaccc   120
tgccgaggct caacagcaaa acatcttcat tactggtgtt ccagtcactg gtggaagtgc   180
cgttcctgct cgccgcaaca tcaatgacct tatcaactnt ggtggtccca ctctggacct   240
ttacatgcga gccgtccgct ccatgtacga tgccaaggag accgattgga agtnttattt   300
ccaggttgct ggtattcacg gcaagccatt catccagtgg aacggcggtg gtggccgaaa   360
cggcaacggc tgcctggata ctgcctcacg gagagagcat tttctgacct ggcaccgacc   420
ttacgtctgg tttacgaaca aattctcgtc gagcacgccn agcgactcgc caacctttat   480
tctttcnaag taccgggccc antaccgttg atgcaccaan aaactgggag cttcctactg   540
ggattgg   547

<210> 1269
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 1269
attgacacag ccgacacctt tacacccaaa atgcccagct catgtaaaga actgcgcgag   60
gcactcgcgc agtgtctcca agaaatccga gtgtgtcatg gttcagcgca atagcgccgg   120
cgactgcctc cgcgaacccc tcgtcgacac tctcccccta aagtgccgcc agctgaagaa   180
gggcttcggc gaatgcaagc gtggcatggt cgatatgcgc aagcgattcc gcggcaatat   240
gcccgtggct taccgtacga tggagcaggc tgaggagggc catggatacc agctctacgc   300
tgggcggccg gcctttgcag gcggtgtcna gaagacggac ggaaacgagc ccattcccca   360
agattggaga gaatcgagaa tgagaagtgg aaggccgagc aggcagcaat ggcacagcag   420
aagaaatgag agaacggaat tctgatctca aaccaggcgg ttcgcttccg tcgaatcact   480
acagcaatca acgatttacg aanacatgtc ggaattaaga tctaatatga agacaacaaa   540
tcggaaaaaa cttgctcact gttttgatca gtcatctctg ggacgtgcat a   591

<210> 1270
<211> 678
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

<400> 1270
gcaccgactg cccagccagt caacacccaa gcaacaatcg caagcaacag caacatcagg   60
gaaggggccg cgtcccaatc caatcaagtc tcctggcgca aaaccaaaca aaacgggcaa   120
ggtgccccgg acgggccaag caacaagcaa gcaagcaaag accacgatta tgggatacaa   180
ttaaagctcc ataaagcccc gaagttacgg ggacgaattc catgaagtc acacgatnat   240
caaaaccttc caagcatcaa taaccttatc aaccaagccc caagcaagca aaatgttcan   300
ggtaattcct ataacaacgg gcaagaccaa tccgcaattt ttagccgcta cgatagataa   360
tcaccgacca caaaccgtca gtcctggaac tgatcccgca atcctccagc agcaacagca   420
gcaggctatg ccacagcctc cacagcaaca acaaccttct gacaaccagc aatctcaaca   480
acagtaccaa caacaagcaa gcaaccgcag gcgcaagcag caacctcaac aagcagtccc   540
aagcagtttc aacaacaagc aacaccaagg aacaagaacc aagaacgagg tacaacaagc   600
aagccacaac aacaagcccc gtcaagcctg gtcaccagta tactaaattc cgtcatgcgc   660
gtcacgaaag gnaagtac   678

<210> 1271
<211> 247
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 1271
agagtgtgct acagcgtgga gagaagatcg acgatctagt ggccaagagt gacggcctaa   60
gcgcccaaag caagatgttt taccagcaag ccaagaagca gaactcttgc tgtattttga   120
tgtaatggac catttcattt ttcctggcgt tggacctggc ttnttttcag cacataaggg   180
atgtcggcat tgagattggt tattcgtgtg gcgcagatac ttccaatcgt ttatttaacc   240
caccaaa   247

<210> 1272
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1272
ggaacggtag cgggccgccc ggttgctcgt cgtatggagt tcggtcctct atcgcggcct   60
tcaagatcgc aagcgcgaca taatcgcaaa ctacacctac cagttcgtcc tgtcatttat   120
gaaccagaag gcatgaagga aatggccgcc gagcgacact ttgaaatcag tgccaagtca   180
tgtttccacg ttttgtttgg tgataagagt ttcgtgttcc cgaagctgta ctttgagcga   240
cgagcccaac agatcgccca aggaccgtgg gtgctggtag atcagggcag gatgaggcgt   300
gacttccagt tcaaggttga ctataaggat gttctgggtc ggtcaaagac ggcggacgtc   360
aacgactatc agattatcga tgttttcagt gaccatgtta cgtacgtggt gacacncgtc   420
aagacgcctg gcatctacct cactcaagct ggttcaaggt tgtgacaaaa attgtcatca   480
cccatgtggc taaaatccaa gtgcaagctg gcttatctac atcaaaacag attggtngaa   540
agaaccagct ctatccaaga acctgattga ccgtcaggca atccacgacc cngc   594

<210> 1273
<211> 502
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 1273
gttttccag aagctcaccg tgtccaagga gtccttgac atcaaggagt cttccaarga   50
gttggcttct ttcatcaacg gtcgcatcgg tgaccaggtc gtccccgaga atgttatcga   120
gggcttgaag aagcagctcg ccaacaagaa ggacgccgcc gccgtgaga aggcttgcgt   180
tgccatcgag gctatcgctt ctcacgccga ggtctccgct gccgtcgagc cttacctcgt   240
tgtcctnctn cccgctgtcc ttgcgccgtt ggcgacaaga tcaccgctgt caagaatgcc   300
gccaggytgc tgtctcaca ttctggcgg catcaaagcc aagctgcaa ggntgccttc   360
ttacgtcatg gagtccatcc gaagtgccag aatggcccga aaagatggcc gtcttgactt   420
cgtcgagtac tcgtaagaac tccctgntaa gttggctacc gggttcctga ctatcctgga   480
tttcgagtca ttngggaacc aa   502

<210> 1274
<211> 523
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 1274
```
ccactactga tatctgatac cacattagcg aagccctgcc acttaccctt tactgttcat      60
cgtgacctat ctcagcctcg cgtatagact aaaaataaaa agtcttgtct cacacctacg     120
atgcaagaac tcgcctgttg nccccggcc  tttgtcgaga ggaaaaaaaa gattcttgac     180
caactcgcaa ttcctgatac tgagtacacg gatgcttcac caaaaggctc tgtanacgag     240
ggaatccggg atctnattaa tgaaatcaat caacagtcag gattcgtcac taccagcagc     300
tgtgcagggc gtgttantgt attcctrgag ggacgaagaa ttgctgacac cgaaggcgag     360
gatgagcgaa tancangtgt tggtggaaag ggtgctggaa gaacctggtt gttttgtttc     420
tcacgatcct atacccgata aaggtgatgg ggccacggac tggagtagtc agttttggac     480
ttgaanattc tacagctgct taaaacgcat ctccaacggt caa                       523
```

<210> 1275
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 1275
```
ggacaatcca tttcaaagca ccgcatatct cacgttcttt gcacttaagc gcttctctct      60
cactcctttg ggatcgcttt ttctcaagac agtgctgcgg ttgcttctcc gaaatctagc     120
ggcctgtcgt cggcataata aggggaattt cgcgtattcg actcttcagt ggttcatctg     180
cgcgccaaac tgaacgcctc ttttcattta acgtttcctc ccaacctcga cacaaccata     240
agacgtcgcc tgacatggcc gaacacgaac ctgtgaaccc gatggcatcg ccttcgcctc     300
aacctgacat gacgagaaac cgactgccta cgctctttga ggtcttgagt cgtcgcactc     360
tgcctcctgt tgacctcttc tcattctata tttacatgcg cgatcaacag cgatctgttg     420
attaccttga ttttggctc  gatgtcgccc agcacatgtc actggtgccg acattatgtt     480
cgtgaacttc gacgatccgt gcttattngg ccctcctgaa ggcgcaagtc caagcgatct     540
tcagcttatt ctagaaaata ttggggaatt ggaacccaaa actgccggcc ngtccatgtt     600
```

<210> 1276
<211> 521
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 1276
```
taaacaaaan cgggacgggg caaagaaacg ccgactaagg actctacatg ggctgagaat      60
ttcggttca  ctatrgatcc tttagaggat tacgtctatt atagtcaact gttgcaagct     120
gaggctttgg cctcggctta caggctctgg aagcgacagt ggcagggccc gaagaaggay     180
tattgcagtg gtgctttagt atggcagacc aacgactgtt ggcccgtcac ctcttgggct     240
atttgtgact attacctccg tccaaagcac gcatactata ccatcaaacg agagatggcc     300
cccgtcacta tcggaatgac gcgccgagta cataagcacc ccaaggacaa gtacaccaga     360
```

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```
gttaacgtcg aaatcaagac ccaagttgag atctggggca gtaacctcaa cttgaaagac    420
gcgactgtag attgcgtatt gaangcttgg gacattgaga caggaaaaga aactaccnca    480
aacagtgtct tcggactcgt tctcanacaa ccgtcacaaa g                        521


<210> 1277
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1277
ncttaccatc gagcaacctt caggcgcacc ccctcctcct gtgcctgtca accccaagcg     60
cactgccaat gtgaccaagc tgcgcgattc tggtaacaac gaatatcgca agggcaagtt    120
ccctgaggcc gttaagttct acacgctggg tgtgcagatg gccatgcagc gccctatgtg    180
ggagcctgct gcgctcgtgc gggaggagat caagcggact gcttgccaac cgggcgcagg    240
cgcacatggc gatgcaaaac tgggctgagg gtgccgtgga tgcgcatgcg agcgtcgagg    300
cgcgctgggt cagaaaccca aaggcttggt ggaaaaaaag aagatgtctt ggccgagatg    360
ggcaaatttg aaagaggcta gggactggat caaggagggg attggaggtt tgagggtgaa    420
aaaggaaaac tggtgcactt tttgaaggag atcgaaaaga ggatttgaga agcaancagg    480
cttaaattaa ccaaanaatg gttgagtgtg gntagaatca aggcttgctg aaagnttgaa    540
acaaaatggg aggattcacc cnagacatga tanttnggtg tnagctttaa agggcaacga    600
ttagnagttn ttaaggttt                                                 619


<210> 1278
<211> 570
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

<400> 1278
gtctcttgaa aactacgcca aggcaactag ctgctaccga accgccggcg ctacatgttg     60
gcaggagtgt ctctacactg cggcccagca gcaacctccc atgtcttctg agtctatggc    120
tgatctcgcc agcaaccttg cggatgccct ctgggaagcc aaggattact cgtctgcggc    180
tarcatcdac ctcgagtacc ttgactcaat cgacatggct gtcagttgcc tctgcaaggg    240
ctatcacttc gctgatgcca tccgtcttgt cgtccaacgc aaacgtcccg atntcctcaa    300
caacagcgtt gacaccggtc ttgctgacgc actgggcact acaactgagt tcctcgcaga    360
ctgcaangct caactcaang gccaaatcct cgcgtcgctg aacttcggcg caaggtatcg    420
aggacctcct gcatctacga agganaccgc nctggtggat ggacatcccg acnattctcn    480
gttgctgatc tcnctttcac acaatgatca tcttanacat aacaggaagg cggaatttgg    540
aaactggana ggtattcaca aaacaaaact                                     570


<210> 1279
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 1279
```

```
attccccatc tctcccatct tctgtctttt gttagcttct anacaaacac tcgtctacaa      60
gcttcgatcg ctctcaccgc aaccccccaa aaaaccactt atacatcaca tcacaatgga     120
ggccatcaag caagcgcttc accttggcaa gggctctgac gcccctgctg agcctactcc     180
cgaggctctc aacgagctca aggagaagta cacaaaggcc ggccaggagc aagtcttcac     240
cttctacgac tctctgtcct ccgccgagcg aggaactctg taccagcagc tttctggctt     300
cgacccttcc cacatcaacg acatcacaca ccgcgcattg aaccctccca agaccagcga     360
tgagcccgac cgcctcgagc ctnttcccga atctgccacc gccagtatcc tcgattccag     420
tgccgatgat attgccaagt ggtacgattc cggtcttgac ctcatttnta anggtcaagg     480
tcgcgntgcc tcatggntgg gggccagggt actcgtctgg gtagctctgc cccaagggct     540
ggtacnanat ttggccttcc ttcca                                           565


<210> 1280
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 1280
gctttcatca tcaaccacat caaagataca agccatccat caacgtcgcc cgtatttcca      60
ccccgaaatc gacgggtgaa ataaatacat agaactttat tctagcgaac gtccatttcc     120
tctaaaacaa accgcctccc aacgcaaatc aacagttcac atccgccaac atgttctcaa     180
gcaatggcgc atcgtccctg ggcaaactcc caacgttcag tcatacactc acatctctca     240
cacatcttcc gcaccctccg ccccaggcat ccacgatact ctccgcccac ggtgtcggcg     300
catcccctt cgactccaag tccacacccg cctctgccca ccctctcgag gcccgactga     360
agaactggga ggccactcag gagtctctca agatggaaac tcttcgacaa actatggcat     420
ggccgaaccc atccgccgtg gcatggagct caagattgtc canaacggcg aatggcgggc     480
catggcctt ggcggggggtc tgcccagcgt tcatgaagat attcttagaa gccgcgaaac     540
taccattact tgggaagatt ctttaagggc gatganacaa gggccgtggc tggattccac     600
cacaagatgg agaagaactt aagattcagt aaacgtgc                            638


<210> 1281
<211> 554
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

<400> 1281
cgaacctcaa accagcaatt gccgacttgt acacactcaa cccatacaat ccacctcaat      60
aatcgcctca attcgcctct agccatgtct ttccgagctc ccctccgtcg attcgccttc     120
gccaggccct cttcctctat ctccgtcgct gcccgtggct tccactcgac ccctcgtgcc     180
tccgtccggg tcggccaaga gatcccgaac accgacgtcc tcctcgagga ttcgcccgga     240
aacaagttca accttgctga agagttcaag acatccaacg gatacatcat tggtgtcccc     300
gccgccttt ctggcacatg ctccagcaag catgtcccct catacatcaa ccacccaag     360
ctcaaacagg ctgggcaggt ttttgttgtc tccgtcaacg accctttgt catgaagggc     420
tggagcgacc aagcttgacc ccgcaaaaca gacggaatc cgattcctcg gtgacccac     480
tggtgagttc accaanggct tggacctcgg tttcgaagca taccctgtct tccggtggca     540
tgcgaagcaa gcga                                                       554


<210> 1282
<211> 361
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 1282
ctttcagcat ggtgtgaaga cggatcttgc cctactgcca cccaagtggt atgagaaggc   60
actgggcctt aaggaatcaa gtgcctcggt ggcagcaccc atgccctgta agatcctgaa   120
naatgaagtt gaagagggcc aaacagtaca aangggtgcc cctcttgtag tgatcgaatc   180
aatgaagatg gagactatta tccgatcgcc gcaagacggt gtgatcaaga agctggcaca   240
caaggaagga natntttgca aagcaggcac agtgcttgtg atgtttgaag aaccccgaag   300
gaaaggatgg agatgcatga ttgatttgga tataatgata taataaattc tggcgttaaa   360
t   361

<210> 1283
<211> 930
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(930)
<223> n = A,T,C or G

<400> 1283
gtcccatctc caatctttca tcatgcccgg aggcgtgtgt gccgncctcn actatgaggt   60
cgacatgatg tccgagtacg ttgccganat ggccacccgt gtcgtcacac ccgaggctgn   120
tgngacttcg ccattccgca agttcgtgtc tcaaatcctc acctngacac gattgcccag   180
caccactatc ctccttggaa tgaactatct cgccaagagg atcaacacct tgaagggaca   240
gggtccctat aaagcttntg agggacaggt ctggcgttac ctgaccgttt ntttgcttnt   300
gggaagtaaa gttcctcgat gacaacacct tccagaaccg ctcttggtcc gaggtgagtg   360
gcatcgcccg tctctgagct gaactcactt gagtttgagt gggtcgagtc catgggctgg   420
cgcctctatg tcaatcttga catgagcaag gattaccagg cttggctcga gaactggcgt   480
gactggcaga gcatgaagaa gcgacaggtc gcccaggcca gccgcgagag ggtcgcattt   540
gttgttcccg ccatcgatac cgacatcgcc aggtattttg gtcacccgcc agtcttctca   600
atcgcgttac ctccaggaac aggttggcga atacgagcgc taccaggcta tgaagtccca   660
gcaacagagc taccgccacg cgagtctggc tggggtcaca cttcttgggg agctcctnta   720
attccccgat ctggctatgg cactcagact acgctatgct gntacgtnga gcaacgacgg   780
tcaacgatgg gttttnaagc cgccgacaat acgcaatcga tatcctaact ctgntataga   840
cttttaccca attgggccta antctaaagg gcactncctt ttacnaaaat ntggacttgg   900
ctgttaanga ntcctggtgg tganccanaa   930

<210> 1284
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1284
gccaccaaaa gcaaaacgcc ctgtcgatcc attaccgctc cactttgggg gaacagttct   60
aggaccaaaa aaagaaatat caacttgatc gccgcgaat ttgagtttc actcaattcg   120
cttttataaa accgggacga cttttgcgcat atcgctcttt gtcgactttt tctaaagatt   180
ctcacaagtc gacaattgtg cgttgcaact tttgtcgcag aaacgcactc tttttctttc   240
agaaccgccc gacctcatgt ttcgacgata cgcgctcggc ttctcgagcg tcggacgaca   300
gctctcaacc atgagctctt ctagcactcc cgttgaggat atgattcgcg caaagatcac   360

```
tgctgctttc aacccgcaga ctctagagat ttacaatgac tctcaccttc actctcacca    420
caangccatg gaacacacta cttccagcga gacacacttt cgcgtggtca tcacctcaga    480
cgcattcaac tccaagatgc agcctgctcg tcaccgcatg gtctacgccc ttctccgtga    540
cgagatgggc caggaaaacg gnatccacgc tctccagc                            578


<210> 1285
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1285
cgacaagaga acgccggcct acctcacttt caaggacgtt cagcctttga ttggatcaga     60
accctttgcg caaaccgagg acgaagccat ccaaaacttc gactcaacca agacgacccc    120
cctcatcgtc ttcctcggca tgctagagga tggaaacgag aacgaccaca tttcttctac    180
cgatcacgga gatattcaag gccatcccta tttcgctgtc gatatcaccc ccaagggcaa    240
ccatgtcgaa aaagccgcga gcttcttggc ggaacaggag aagaaagaac tctccttaga    300
tacgaacgct cgtgccatga accaatctcc tgaagcagcc gccttgtacg ctcaagctag    360
atccatgatt gattggaact cacgaagccc tttctgcgct ggctgcggac agcccaacct    420
ttctgtccac gcgggctaca agcgtgtctg ccctcctgcc gacaaaaagg gtggcgagaa    480
cggcgagact cgaggagatt gtgctactcg acatggcgtg tcgaacattt gcttccctng    540
aacggaccca ctatgattgc cggccgttgt ttc                                 573


<210> 1286
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1286
gtccggcatc ggtcagagtc ggtattatct tatctgatct ttcaagtacc tacatcggaa     60
ctcagctggg ctggtaaccc cacttaactg cacgcagtgc cgcttcatgc agtgggctaa    120
attttcccca aggtaactcc aacgactcat catcgtagag gcatcctttt gctcatcgtc    180
atacacgtcg acctcactca attggatcat agcaatgctc tccaccactg ccgccctcag    240
ggccggtgct cgccgagctg tctctcgatt gcccggcgcc gcgcccaaga tcacggcggc    300
cagccggagt cacgacctcg ccccgcccg cgcgtttagc ctgtcctcca aggtcctctc    360
caagcaacca gatcgaaccc gcgagattat tgccaaacca tcaacagcat tggtagtccg    420
cgcgaaggcc aacaatacct caagctattc tcgtccgttt cctcacaaaa atttgctgtc    480
gtcaaggngg gaggcgcaat gctctaaaan taactcgatg agatctgcaa agttttgctc    540
cccgttcgag actcggccat accatggatt ggtcaagggg aaggacccca cttaacaagt    600
ggtttaaacc cgggtttaca aat                                            623

<210> 1287
<211> 513
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G
```

<400> 1287
```
ctccattctt ctgtcaacta ctaccggcct tggcttcttt attaccccag aagtattaaa     60
agccccattc gctgttgaat ctaccggagc ggccccactc ttccgtcctc cggttgccgg    120
acaccggctt cttcttctct catctttcga tctctctcac gtttcataac tcttctattt    180
gtcttctccc atacaaccgg tcaactcatt aggtcaagaa tcacttcatc atgctgcctt    240
ctattccggt tctagccgag tacggcatct ctcctaccca tggtttcctt ccggatactc    300
taccattgac tcgtctaccg gatccatact acaacaaatg ggaggccatc gcagccaacc    360
tacaagccct tattcttagt cgtaggctgc gtggtgcatt gatagactgg cagtctctct    420
actatcgggc ttgaacatga cgctnaatgg cgcctgctat tcaatattgg gcttnatggg    480
ccatggatat atctggggga ggngatcacc att                                 513
```

<210> 1288
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

<400> 1288
```
cctcacgcac gactccatga gcgtgcgcaa ggctcataac agcggccgaa accatctacg     60
aaatgtagtc gattactacg aacaaattgg ccacgagaag gcccagtctg tcattgactc    120
aatcacatct tcttatgctg ccgagggcca agcccacgcg aaccctatgc ttcctcagaa    180
tcagcctggc cacggctttc ccccgcctcc cttcggcttc ccaggtggta ttcctcctcc    240
attccccgga atgcccggcg cacctcctgg acaatttcct ccacctcctg gcggcggtcg    300
aggtatgcct cctatgcctc cattcccagg ggccaatggc atgggcattc ctcctaacgg    360
ttttcctttc cctcctcctg gtggcttccc attccctcct ccaggagctc ctggcgctcc    420
cggtgccgcg ttccccggta tgcccggtat gcctccgcct ggtcagggtt tcctcccggt    480
ggtattccac cacctggatt tgcccctcct ggcgcangac ccccttctgg acacgaaaaa    540
gcgataaagc ttctactgag tgg                                            563
```

<210> 1289
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 1289
```
gggcagagca gaaacaggag gtatcaaagg gacacggaaa tatattggca caccagaggc     60
gcaggctgta ttcctcaacc taaagatacc ttgctcagtt caagcattca aggatccaga    120
acgcggcaag tccaagcagt acctctttga ggctattgag cgatactttc aaggaggcat    180
caccagcgta gaggaccgca ttcattgcac caacctgcca ccgatctatc ttcagcatcc    240
aggacattct ttgaccattg tcgggtttga gaagcagatg gatggccaca caaacctctt    300
aggtattcgac cccagctttc acgattctac taagatcaga aacctcgtcg ggaagacagt    360
tcgactgaaa tcctcttcca tcgacggact tgtgaagcca tatcgtcgcg gttgcacta    420
attccgtaaa tacaatgaat acgaagtgct ctatctcaca aaatatgctt ttgtggcata    480
gttcaatgta agatnngctt actgctggtc ccttgaacca agcctgaagc cttgggcaac    540
gcgcgaactc gatganaaat tctggtcctc tcaacccttt ccaattcggc aaatcctata    600
aaggncaacg gagaacaata taatttgctg cgttc                               635
```

<210> 1290
<211> 573
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1290
ctatgattga ctcagtgtaa gcaatttaag cgatagtgac cattttcttt cgtgaacaat   60
gtatcttcgc attccaaaat tagacccgac ttcggtattg cggagatctg gactcctcac   120
cattgcatga gcagacctca accgtaccaa cagacagttc aaacgcgatc atcccctgat   180
aaaaaatgcc attcatcatt caaggctcag tcattctggt tacagcaggc acgtctgggc   240
ttggtctcag tgtagccacc aaactcgtcg aactcggtgc aaatgtcgtg ataaactacg   300
cctccaacaa agaccgtgct gacagtgcgc tttctcaact ccaagaattg tcaaggaaac   360
aagatccctt tcccaagtcc atcgcaattc aagccgacgt cactaagana tccgaaattc   420
ancgcttggt agccgaaacc gttgctgcta tgggcaagct tgacggtgtg gtgtcnaacg   480
cnggctggga cccaattcgc gaacttttct gatcttgaca ataatgtcna tgaaaaagtt   540
ggggataaat gttatgcggg caacgtcaan tca   573

<210> 1291
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1291
gcgacaacgt tgctcagcag cttgctaaaa atggaacatt ggctatcatt caaaacgcca   60
ctcgcgccgg ccggcctaag attcatgaga tggcccctgg tagccaggtt agtcattttc   120
tctacaaatc ccgggccaac gtgcagttct gtatggcatc attggagcca catttcactg   180
gccttgttgc ccgcaggaga ttaatgacaa cttaccatga gctacatgca tcaattcacg   240
ccaaacactc gcaccttaaa gtgttgcatg cagttgggga tgatgcaact tccctggcat   300
ggactacgcc tgtttccaag ttttactgtg taccagggcc taacgtgtca aaaacaacca   360
taacacaggg agcaaacaaa atcattcaat gggcaaagaa gggaagaaaa acgccttttt   420
attattggaa gcggtgtgtt ctgaagatat acctcctatc gaagtctggt ttcctcntcc   480
atcctaaaaa taaaaccgcc tggccttgcc atcgatcatg tnatggggcc aaacagaaaa   540
aaatncctcc caacgcccac attattcgtt ctaacggaa tcccccttc   589

<210> 1292
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 1292
aaggaacatc ccaccgctta ttactctgat ttgaacattg tcaaccatca tcatgtcgac   60
cactccagga gtaactttcc gaaaggacgg aacgaaaaca ttratccgc tcgagaacaa   120
cccagaagtg ttcaccaagc tcattcataa cctaggcatc tccaagaagc tcggtttcta   180
cgatgtctac agcgttgacg agcctgagtt gctggccatg attcctcacc ccgtccacgc   240
cctnatttt atcactcctg cgcctatgtg ggctcgcgtt tgggaaagtg atcctggttc   300
aaaagagtta acatacgatg gctntggcca natgaacccg tcatgtggta tanacagact   360
atnggacacc cctgnggct nattgttttc tacacagtga aacaacggtc cggccaagat   420
tttttaaccc anactgctct aacnaatcat naggagacac aggaccttaa nccettgacg   480
gccgattct ttaaattccg tgactggaaa ggccatttgg tgcactttac agggatttt   539

<210> 1293
<211> 599
<212> DNA
<213> Fusarium venenatum

<400> 1293
caatctcaac ctcaaccatg gaatccctct cagacaccct gtgggatgta gtgatcagcg   60
gcactgggct acaacagtcc ctcctagccc tctaagcttt ggattccatc gtcgagatgt   120
gccccggtcg gactgaccca gccttctttg ttgaagagct ctgtcgcgtt caggcaaaaa   180
catacttcac gtcgatccca acccattcta cgggggtagc gaagccgctt tcagcctcca   240
agaggcagac gagtgggctg agaagaaccg atccgcccac acttcccggt tattttctgc   300
tgcggaagca aagcgtgatg acaccttgag ttcagcacgt gcctacagtt tggctctcgc   360
gccccacttg atacattcac ggtcgaagct tgtcactcag ctcgttgatt cgaaagcatt   420
tcgccagatc aagttcctcg ctgtcggctc tttctacatc taccaagccc ccttcggatt   480
cttcgtcgct acattccctc agccggatac cgtcgactcg cgaagattct tttccaacaa   540
gtcccatacg gctcggtcca agcggtcctt gatgaagttc ctcaagtttg tgcttgatt   599

<210> 1294
<211> 400
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 1294
gcggtactat gagcctggcg cgaaaatcta tgtctttggc ttcagccgag gtgctttcac   60
tgccaagttc ctcgcccgaa tgctcaacaa ggtcggtctt ctctgcaagg caacgaaga   120
gatggttcct tttgcatacc gtctctatca acgtcatctg caaggcgaga tcaaagacag   180
tgaggtagcc cagtgctccc atggccatga gcacgatgga gatgaatctc actcccacgc   240
tggtgaaatc cggctaccgg gccaggatcc cactgatgtc agtgacgaga ccagagaggc   300
ttcgaatgag attgaggcct tcagccagac gttttgtcgc aaagagacga actcttgatg   360
gcgaanagga gaatttcaag gnattctttc ttnggcatct   400

<210> 1295
<211> 565
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 1295
agctgatctt ccaccaaatt gctgggagac ggtttccttt cttttactgg cgaactttga   60
tacccttat cacttcatct tgaaacctgt tgcaaccatt ggcgaacagc gaacagggaa   120
ctgcacgggt atataaaat ccacaaccat tcactgcaa cttgtaccag ccgaaataga   180
atcttactta cccgtttcc ctcgaagtca ttgaactccc accgctcaat aatctaacca   240
caaattcgtc atcatcatgg cgtccgtatc gtcacttgat aaagacttgc gcaaaatgcg   300
cttggagaaa tacacgcctg ctgcagcgaa cgaagcgcgc tcatggattg aagacatgct   360
nggggagaat cttccttcgt cagatctgct agaaggcctc aaaaatggaa tcctttgtgc   420
aagctcgcca atgcgcct acgcccca ggaatccgt tccagaaatc cgccatgccg   480
tttgtgcaaa tggaaaacat ctcgctcttc ctacgcgcat gccagtctcc gccgttgaaa   540
cttcacaac acaaacatt cccga   565

<210> 1296

<211> 422
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 1296
cctgaagctg actcccgtcc aaaccgaaaa gctcaagaag ctcgccggct ctcgctacaa   60
tcccgagaca gagatcatca agatgagcag cgacagcttt gagcaccaag cgcagaacaa   120
gagatacctc tccaacctaa ttgacgacct catcactgcg gcaaggaccc caaggatact   180
tttgaggata ttcccctcga cactcggcat catgttgtta agcccaagcc gcaattcccc   240
aagqagtggc gcatgaccnc tgagcgtcga cagcagcttg atgagcaccg gtcacgtttg   300
gncattgaag atgtgaagat ggctganagc ggtcagttga tcgaccgngt tcaagccatt   360
gaccaacact tggtganaac ccaccgagga canaagaagg ccaagnttgn ggacntgttc   420
tt   422

<210> 1297
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1297
caacatcatg ctgcgcaaac tcctcgtcga ggaccgtgtc attggcgata tatcaagtgt   60
agttcacact gaacctgtag gctactggca cttctctcat tcatacgtta gaggaaactg   120
gggtaatgag aacaccactg ccccgtcgct gctgacaaag agttgtcatg acatcgactt   180
gttgctctgg ctgctctgct ctccagaaaa ggcgggacag ggagagcctc atattcctgc   240
gacggtgtct tcatcaggcg gccttcatct gttcaagaag agtagaaaac ccaaggcagc   300
agggtccgca acaaactgca caaagtgccc ccttggagac gaaggctgca agttctcggc   360
aaagaacatt taccttggcc caaagctcaa ggggctgcag tccggcaaca ctcgatggcc   420
gtcagtatcg ttgtccatga tatcgaggac tacccgatcc caagaacaaa gagaggagct   480
cctcatgaag acccttgagg aagactatng cgagtcgacg cccaagtccg aaatccaatc   540
ccggnactgg gtcggccgtt gcgtctttga acagatacaa tggttgngac gaccaatttg   600
cacaatacct ggnccgaatc tacttaag   628

<210> 1298
<211> 742
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 1298
tttttataac ccagatttct ctttcaagc gcctgtttct cgttcttcat caatcaacac   50
tgcttccatc tctacgcgca gtcagctcca ttctgtcgcg acacgatagc ttcatacaaa   120
cgtacaaata nacngacaga caccatggc tcaccacaga agctccgaac tccatcacc   180
gatcttttca agatcaagca ccccgtcctc ctcgcaggca tgaacgtcgc tgctggtccc   210
aagcttgccg ccgccgtctc caacgctggt ggtctcggtg tcattggtgg tgtcggctat   300
acccctgaca tgttgcgcga gcaaatcgcc gagctcaaga gcttcctcga cgacaagaac   360
gctccctttg gtgtcgacct gcttcttccc caggttggcg gtagcgctcg caagactaac   420

```
tacgactaca ccaagggtaa gctcaacgag ctagtcgata tcatcatcga ggagggcgca    480
aagctctttg tctctgctgt cggtgtacct cccaaggctg ttgtcgataa gcttcacncc    540
aatggtatcg tctacatgaa catgatcggc acgtcaagca cgtncanaag tgccttgacc    600
tcggtgtcga tatcatctgc ccccanggtg gtgagggtgg tggccacacc cggtgatatc    660
cccacgactg tcctcatccc cgtggtgngg acatctgcaa gaacacaagt nccctntcac    720
tggcggtctg tncaaggtta tg                                            742


<210> 1299
<211> 579
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G


<400> 1299
gcattggcaa cccgacaacc tcgaacccctt tcgcctccag cctccttcac atgttcgaaa    60
cccctcgaat acgaanccgg gntctgaact tttcanctct tacgaaaccc aaatacaaac   120
tcntccnaag ccgaattgaa acaagaaact cnaacaaatc cctgaactag ctggggagcc   180
cnaaaggggg ccatcagcca aaccgaacgg gnacttgang anctcgatta acaactcagc   240
gcaatgcgcc tggagaagca gaanatccca accagctctc gcaccaaggt cnaccagcgc   300
ttccgaaact acgaatcaga cacagacgcc gctcgtcgca agttgaacac tctttcctcc   360
gaacgttcag cgcttttcgg atngcgctac acagaaaaac cgctggntca tcagatatca   420
acatggagca gcgacaacag ttgctttccg gcacgggaac gccttgatcn aaacacacag   480
cgattgaaaa acagtcnagc ccttgccanc gaaaacgaag gcattggggc cgatacatgg   540
gcaatcttgg ttgacancga aaagttgtcg aacgttccc                         579


<210> 1300
<211> 596
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G


<400> 1300
tttgattcgc tttttgtctt attttctact ctaatccaac aatgccttct taactacctc    60
aactcctct gaagttccac acaccagacc agccctgtca tcacaaccct tcagagtgat   120
atcgaatatt cttgatccag tcgcagggtc gatagcttga cctccagcac actcaataac   180
gagcgccaca ggtaacaact cgtagtactt ccgcagcttg gccttgctca cggacgtcac   240
gggtgagacg tacacgccgt gacctttgac aagggcgtgg tagacgtcaa ggtataagac   300
caccagagta tcgtaagtgt atacttggcg ttgatgaact ttggtgacca agctcatgta   360
cttggtcgtt cttttggngg ganattngca aaatgggcgg gggcnaaagt aaccgngntt   420
tttaaaangg agggttcngg aaaaagcgaa agcnttaagg acngggncca cnggggaaa   480
ctttatgggg ganttтgttt tganggggttt gaantttcna aaagccaaca caangggttt   540
ttggattcca aggggacttt tntaaanggg ggancaaaat ngcccaaggg ggtttc       596


<210> 1301
<211> 663
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G
```

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<400> 1301
```
ccttcctctc ttagtggttg tctttccctt tccatcgcgc ttcactatca cattaacaac      60
tcaaccgcaa tcatgtcaaa gacctttacc acaagcgacg ttgcgtcgca taacaagcct     120
ggagacttgt acatcattgt cgacggcgat gtctacgacc tgacaaagtt tcaggacgat     180
caccctggcg gcaaaaagat cctccagcgc gttgctggta aggacgcctc caagcagttc     240
tggaagtacc ataacgaggg aatcctgaag aaatacaaga accagctcct ggtcggctcc     300
cttgactcca agcccaaggc tcccgaaccc aaacctacgg ccaacgcgac acctgtgcct     360
gcggctccta cgcccaaggc cgtcaagact gccganaaag aagttgccgc caaagaagaa     420
gaanccgagg ctctggagcc ctttggtgac canattccct ttgctgaccc tgcttggtac     480
caaagttacc actcacctta cttcaatgaa tctcatgctg ctctgcgtgc cgagatccgt     540
gnaatggata ganaacnaca tcnancctca tgtcctgact gggacaaggc caagaggtcc     600
ccaaaaaatt tacaaggaga tgggccgcgg ggntacttgc nggcttntgg ggnaaaaacc     660
aat                                                                   663
```

<210> 1302
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 1302
```
gtggnttcac antctgaccc tcaanccanc aaccccactg ggaagacgac aatacaggng      60
tctcaatncc tagtccctgt ttgcgactgg nctgaaaang ctgaaacaag actgagaaga     120
angaattgat ttcacagtct taccgattct catgctcggt ctctttgcct tacagcttga     180
tagacgaaat gtgggctatg ccatgactac aaccttcacc gaaagatctc ngtataacta     240
atgatatcgt caactatggc aaccagctca tgctagccgc cgttgtcatc ttcgagattc     300
ccttcaacat ggatttgtcc aagatcggac ctgcactttg gcttatcata cangtatttg     360
catggggaac aatcgcaaca gctcatgcag ntatacacan caagtcaaga ttttacgtca     420
cacccttctg caagaatgtg ggagctggat acntggctgc gcgctgacga tnatccctca     480
ttttatacnc ggaagaatgg acgcgaacta gctggtttnn ttggaatacg ccactggctn     540
agttggctct tccgcttatt caaaaccngg nacatggttg aaaaatggat ggnttcccca     600
c                                                                     601
```

<210> 1303
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 1303
```
ucctgaccct catttgtcca aaagagactc aactgttgaa taattggttt tcttattttg      60
cttgctattt acagttgtgc ggcttgcgct caacttccaa ctcattcgct cttgtccaa     120
ttcgactact tctaaatttta tactcgcgac gcatcaaaag tatagcacat actctaatat     180
tcaaccgtc atgggcaacg acagctccat cctcgccgac ggttccgcaa tgattgcgcc     240
cggcacatct ttcaaccaca cgctcttcga cacagcttta ccgccgctgc ctgtcttcag     300
cctgagqtc cagcctgacc tcttgtcctg ggtctccgac ttttggctca atctgctgct     360
ncctgtcgtc acctactggg ccttgtctct cacttccac gccatcgacg tactcgactt     420
gttcctcaa taccgacttc acacgcccga agaaatcaca aagcgcaatc acgtttcccg     480
ttatcaagtc gctcgcgatg ttatcctgca agcaagatna tccaagtcgt caacggcgca     540
ctccttgcct tgtcngnaac ccccganatg gtaagcaaag ggcgaatatg acgttgcnat     600
tgggctaacc gcantcg                                                   617
```
```
- 517 -
```

<210> 1304
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 1304
ctcccgccat ggcaacggca acgctcatcg ctccgtcagc ccattatcca gctcaaccgc   60
ctttcccaag ctattctcaa tcgaactngg gtgccgccag catatccaac atgatttctt   120
ccgttgaacc tcgaaacaa gcagacgatc aagagccgcc aaaccgtcaa tcgcttccgt   180
ctatctngga agtcattcag ggcaccaagc ctggaccata tcctgtcgca cacgcacctg   240
gtctccagtc tacccgact ctgcatcgcc ctttgcccg gctcctcgat ctttccccga   300
aactganaaa cgttcctntc ctcagcctnt tcacccgacc tcagnttttc ctcgacaaga   360
tggcctgcct gcgttctcgg actcacccg ccacacttca gcagncgcca tacttcctcc   420
gtctntgatc gcgncaganc cctccgatca agcctgatct gcctcccagc atcaccacct   480
ngagcaaaag cattcggaac ctnatcaccc tntgaatggn gtttattcgc atctcgcgca   540
ccgcttctcg gccctgtnga tacaacctgg tnaattgctc ctggggaaaa gcctctcctg   600
ngtatctatt tcccaaaaac n   621

<210> 1305
<211> 670
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 1305
gctagtacct acccctactt acgactctcg acaacttgtc tttatcaact ttccttcctc   60
ttctaattat tccatcaact caactgctct ccagatccaa acttgccacg ggcaggtcaa   120
caatcatacg aattccttct atagctcaca cttgagcaac ccgccctgac aatgggcgcg   180
tggaacctct tccgtgttct gggcgacttg tcccacgccc tctcgaaatg catcctcatc   240
ttcgccatcc accgcaaccg cagcgcagaa ggtgtctccc tcatcacgca ggtcctctac   300
gctctagtct tctgcacccg ctatctcgac ttgtttagag agagtgtgcc gtggaacatt   360
gtgttcaaga tcttctacat cctctcgtcg atttatattc tgggctatta tgcaatggat   420
ttacctcgt tctcgcgaac gtgaagtctc ttggaagatt ggcgctgtca ttcttggcgg   480
ctccttcgtc ctgtcgccaa tcgtcatgct catctttgaa cgaagtgaac accgaagttc   540
caaacctgga tgtgggtgtt tcccaaattc tcgaatccgt ctgggcctcc tcaactcctc   600
ctctganana aacaaccgcc ccaccgttat cgacttcttn tacctggcgc cttggnttct   660
accgngcgct   670

<210> 1306
<211> 549
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 1306
cgtctcgtat gagaccgccg ctctgcttga accattgtct gtggctattc atgcagtgaa   60

- 518 -

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ccgtgcaaga ccagagcctg gctctactgc tcttgttatc ggagccggca ccgttggatt      120
gctgactgcc gcaatggctc gccaatcagg ctgtacctca gtgactatca ccgatattga      180
cgctggtcgt gtcaactacg ccgtcagcca aggattcgcg acgcacgggt tcgtgactcc      240
catctcacgt ttgaattcgn ccaactattn ttngggaata tctacacctg ccactggtac      300
cttgacacct gccagcacgt tctcgacggn aagccgnttc gacggagcaa aatctntggc      360
tacggacata cttgcctntt ngaactcccc tggctnattc atccttgaag aggatgagga      420
cggcgtcgat gtcacatttg aatgcactgg aaaagaggtt tgtatgccca caagcttgna      480
cccaaccaaa gctggnggga aaagtcatca tggnaggcat gggaactcta tncaaactnt      540
tcctttgng                                                              549
```

```
<400> 1307
gggaagggtg gcaccttggg gcaacgactt tgttaagaac aagggtgagg gtaggatctt       60
tctccttcac ggtgccccag gcgttggaaa gacatgcact gctgagtgca tcgccgagct      120
gaccaaccga cctctcattt ccctcacgag cggtgattta agtgtcgatt cttaccacat      180
tgagaacaac ctcagctatt tcctcgagct gggccaacgc tatggcgctc ttgttctgct      240
cgatgaagcc gatatctatc ttgagcgtcg ccgctccagt gacatcaaga ggaacggttt      300
agtatctgtg tttctccggg ctctcgaata ctaccgagga gttctcttcc ttactacaaa      360
ccgggttcaa tcattcgaca gtgctttcct gagtcgaatt catgttgcct tgcactacaa      420
gaatcttggt cacgaggacc gggagcgcat ctggagtcat aacttcgacc gtttgagccg      480
agactccaat ggctttggtg catgtttcca acgcagttcg cgantttgc ttggatagtt      540
gangatgtcc gtagcctcaa gtggaatggc cgagagatct gcaatggtat ncaaactgna      600
cttggcttgg ctgagaacga tcanaggaag aaagacccna gaatttnatc nttggtngaa      660
gcacntttgg nttgtggnta aaatga                                           686
```

```
<400> 1308
ctcggaaagt ctggtcaatc tgagaagctc tttgccactt gtatcctcgg tgtggttaag       60
ctcagttccg cttacctttg tgctttcttc ttggtcgact tcatcgggcg acgacgctcc      120
ttgtatggtg gtatcaccat tcagatgttt tctattcttt acatcgccat cttccttagc      180
attgtcggca cagaagctct cgagaacgga acttgaccc catctcagaa gcatgccggt      240
gtgggtgctg tcgtgatgct cctactctct gggctaggat ggacaatggg ttggaactcg      300
tttcaataic ttgttaacgc cgagatttgg cctcttcgtc tacgagctt gggaaagtc      360
catgacgatg tgtctacact tcgccaatca atacnggnac acaaangctg gtccgttatg      420
ctccttttca tgacaagcgc ttgcttcttc ttcttctggc agtggtggct acttggctta      480
ttgggtttgg cattggtcct gaatggctgg ccgatcgtca gacctgacna gtggtctcct      540
anttgncna anatggncgc atggaatagg nttgccctgc aatgaancct attgcaagga      600
caaaggttag taaggcaaat gttaataant tggccaaa                             639
```

<210> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1309
ctccaagctg cactctacag gaacctcgac ggagtctcgg gtcatgctgg ttggcaatgg   60
ctgttcatca ttagcggtat aatgacgata ttctggggtt tcattggtct acttgtcatt   120
cctgactcac ccgccattac aagagctctc tggctcactg acgccgaaaa agagcttgct   180
cgtcttcgca tgaacgactg tggtgcaaaa cgtctggcat catccctctt aaaactctcg   240
ttcacaaact caaacttctc gtcatgagtc cattgcgtat ttggttctcg cggcatatct   300
tcaatttgca tggagtcagc gcgcgaactc ttacttcttg ctcttcctca aaggactaaa   360
caatgcggat ggaacaccac gttattcaag tatacaccgt aacctgatcc actcggcgga   420
tatgctatca agtatagtct gcaatattgg cctcaacgcc ctcancgatt ggaaagcgtg   480
gcgttggcag gtaagtgcgg cncgcccaat tcaacttatc gcaacattgg tctttcagnt   540
ggnctgatta tggaggaaat catgggcttt acttcctact ttgntactgg anttggggan   600
atgcatactt gntgggggg cna   623

<210> 1310
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1310
ctacaactcc agcaccgtta atgacgtgca aaatgtaatc acacaatggg ctganactct   60
gccggtgata aatgacgang aagcggcgcc ctatgcctat gcatacttgg ctgagctgat   120
tgaaaagcaa cacccagctg ttgttaacca ggctggcaag gttttcgttt tcattgccca   180
agcccttgag gcggagacac ttgtaggcca gactgccaac cgcgtagtcc aagttaccaa   240
aggactcctg cagtcgactt cagttgatcc ttcgccgctg ctacaacagt tctctcccca   300
ggcgcaacaa acaatcatgg gattcttcaa ctagacgtgg acctcatcag tgttggttat   360
cgcgaantgc cgcgtggctg ggattcaatg aacgtcnatg gtagttattc ccataaagtc   420
ncgaagcatg aatctaaaaa attangtcng attgataagc tncnaatttt acgaaggaaa   480
natgaatttg ttccngatga taccaaatga tc   512

<210> 1311
<211> 625
<212> DNA
<213> Fusarium venenatum

<400> 1311
cttttcttca atcaacctac acttcatcga catactcagg ttcttaacct taacgcatat   60
tctacgactc aatacataca ttcagcaaca tggctcctcc gccaaacccc aatcttcctc   120
tcaaggaaga gacttatggc tcttgccaa accttcagt tggttaatt tgtcggacac   180
ctcaccctca tcctcgaac gattcgatat ggctttcct ggttgaaat gaactactat   240
accgcatgg ccagttctc ttaccgaaca gcctttgtcg ccgcgccgt cacctatggc   300
atgtcgtct acaagacaat gcgcgctcgt gctaagagcg gccagcgtgc tgctcccact   360
cccttggcta tgcttgccga tgagaacatt caataccntcg cnatgtctct tgtttggctc   420
ttctgcccc aatatcctct cgccttgatc ccttataccn tttactcggt cttccacgtt   480
gcaactaca ctcgcgcaa cttgatcncn gctgttctag cncccaagcn tgctccgaa   540
gctgagggt gctactccca gcccgtcgaa acaagcgtcg aacaccctct tgctaaccaa   600
aatgggcgct tttgttaaag gagta   625

<210> 1312

<211> 165
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 1312
nggtatcccg ctccggaagc tggacctnga cgtcgaaaga cttgcatncn catcaacttt   60
cgagatcgac gagcttgccn agcnaagcna gaagttggag cancgtgttt ccgtccttaa   120
cgagagttac cnagactttg aagaagcncg agggcgacct gaccg   165

<210> 1313
<211> 503
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(503)
<223> n = A,T,C or G

<400> 1313
ctccgatgcc tccgtcttcg cggagtacac cgnccccaag atgtacctga agctgcagta   60
ctgtgtctct tgcgccattc acggnaagat tgtccggtat gttgtcctcc tatccaggag   120
tgtgacgact gcnccatggt tgcgtatgtg cttttanatg aaccttggtg gtaccatgtn   180
aaacatattc cagcctgccc cagcgcagtt gcatactcct ggtacgtatt taacgattta   240
tgacaactga catgaatata atagtgtccg atccgttgtc ggccgacnca accgtgcccc   300
tcctcctcgc gtccgttaca acaaggacgg naagaagatc gttcccacta cccctaaggt   360
ttagatgggt tgatacttgg gatggagtcc ggttatgata gcagcattca aaaaatggnt   420
gggatgaata cctnngggat tatgaaacta anaaattcca aaaatcaact ggacgacgtt   480
tgatgtctac ncgtntttga caa   503

<210> 1314
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1314
tgacaatctc agtaacagac tgagctcact cactctcgtt cctcccaacc ttcccttctc   60
cgatcctgtc agccgttttg agtcgnacaa atggctcctc gtctanaatt cagtatcgag   120
caaattcgaa ataaggctcg canggacctg ctgtatttgc ttgaaggtgt tcgcggaaan   180
aanatgttta tcctcgatca gagtcttctc cgtccaatcg ggactatagt caaggttgca   240
actcttcagg aatatggagt ggataagttc ttnnttttgg agaatgacaa cgcagataca   300
agccagcgca atgtcgtctt catctctngg ggagagtgcg gtcgccatgc cgaaactata   360
gcagcccaga tcaaacgcat ccagcgcgaa agccaaacag ggcacgactt tcacatnttt   420
tgggtcccac gccgaaccct cgtatccgat aagctgctng aanatgccgg cgtattgggc   480
qacgtcaata tttccgaact cccacttttc ttnttttctt taaaaaaaga tgtactnttc   540
cttggagctc gacggctngt ttcgcgacct atntttuga aggacgttac accaaacttc   600
ttatgggnga aagccctntt ggaagtacaa caaaaacccc ngtt   644

<210> 1315
<211> 856

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(856)
<223> n = A,T,C or G

<400> 1315
```
cccagcccca ggtccagaat ggagttaagc ctgaaggcag ttatgtcaag actgagtctc      60
ccgtacccat caagcaagag cctggtttac agggtaaccc gatggcgtat caacagtacg     120
ccaacccaa cataaacatg aacgacaaga acaacgtggc tgccgcccgc gctgcccaac      180
aattgcaggc tcaatatggc cagcgtgctg caggctcgat caacgctttg catcagcaac     240
aacaaccaca cccccaacag ggccagcagc agcagcagca gcagcaacaa cagacacatc     300
atcaacagca acagcctggc caacagtcga acctgaccca gcaacaacaa catcaacagc     360
agatgtatcg tcagcagatg cctctgcaa ctgcccacca acaacaacag caccctcca     420
atgtcaacc ccacatccag aatggccaga ccgacggtgc tggcgacgtg gacgactacg     480
agggtgtgct gatgcagcgg gctgcttctg gtgattttcg cgaacttgga cgggttgaga     540
tcgaccgcat gctgcacgaa cagatccttg gccaaggcta anagtttgga gggtggcggg     600
ctgatggtcc ccctgaagga agccacccga cactcgtcag cttcaacatc acgcaaggcc     660
aagggaaagc aacccgccgc gtttgacgga ggtgatgacg atgaagaaga cgatgacgac     720
gcttttaact cggaccttga tgatcccgag gatgaccgcg aatgatgatg atgtngacga     780
cgaaggactg ggcacatcnt gctgtgcatg tatgacaagg tncaaccngt caagaaacaa     840
ntggaagtgc ccactt                                                    856
```

<210> 1316
<211> 1669
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1669)
<223> n = A,T,C or G

<400> 1316
```
acttctccct ctcgttccag gtcaatatca gtcaagattc ttcattccaa cacctcacac      60
atcctctccc cagaaactct aggccagtct cacttcgtct cactctcaca cgagatcgat     120
cgccttcgtt gtcacatatt actactccga tccaatcaat caaaatcgtc aagatgaagt     180
cttctctcct caccgttttc ggcctggttg ctgccgccgc tgcccagagc tccggcgacc     240
tccctcagtg tggtcaaact tgtgccagca acatgatcag cgctgccaag tcccaggagc     300
ttggatgtga tgctggtgac gttagctgcc tttgcaccaa ccaggacttc atctacggtc     360
tccgtgactg ctccgctgct atctgcaacg acgagcaggc cgctgctgtt atcgcctacg     420
gtcttgccct ctgccgccaa gctggtgtcc agattactac tggtagtgct ggctccgttt     480
cggcctctgc tactggcacc ggtgccgttc gaactgtcct cagcaccctc gttgagagtg     540
acacaaccat cacttccgcc gtctccacca tcagcggtac tgccactggc ggcaacgaag     600
acgacctctc cgtcagcacc tacactagtg ttttcaccaa ctctgcgggt gatgaggtta     660
ccagcaccat caaggagatc ctcggtggtg ttgccctgac tacctacacc tctggtggat     720
ccaccatcat cgagcctgtc gagactgcct ctgcctctga ctctgcctct gcctctgcct     780
ctgcctctga cgggactgag tccgtgagg tcactacctt caccaccgac ggcaccgagg     840
tgtccgaac tctcgtcacc gagactgctt ctactgactt tgccgactct gctgaggtca     900
ccactttcac caccgatggc acgaggtcg tccgaactct cactaccgtt accaccggta     960
ctgagtccga gtcgagtcc ggatccgtgt cggagactgt tactgacgcc tccaccgtca    1020
ccgagggctc tgacactgct acggcactg atgccgcggc cagcgccacc tctactgaag    1080
ctgacaacgc tgccgtcgct cagatgaccg tgccctat ggcgtcatc gcagctgctg    1140
ctacgctat gctcctctt taaatgaagg atggacgga tttgatgtt taatgctttt    1200
acgttgcaca tgtttgttac ataattcacg cctgtacctc gatcttttgg gaccttagca    1260
tatttcctcg gtgcaaggag tcggtttgcg gaagaatctt cacattatgg agaaatggaa    1320
acgaagtgaa tggacatgac aggtcaggtt ttttcgaggc tttaatgacg gatacggctt    1380
atctctcctt taatggcacac gacaagaaat gttagagaac ggatgggatc tttgatgttg    1440
```
```
                                - 522 -
```

```
tttgtgaggc gaggcggtgg tatgacatgg gagacaacga cgggagacgg catgctcgtg      1500
ctgctgtcac acaaggcctg tgtcgtcttt gatggttaca tgggttctgg gatggtggtg      1560
atacccggcc tacggcctga cttcgggggt ggactttact tctcacattc attgagaatt      1620
agtaatagat aatcttcttc acacaaaaaa aaaanaaaaa aanaaaaaa                   1669


<210> 1317
<211> 584
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G


<400> 1317
cagcataaca cagcacagca cagtagatac aaacagatac gtacctatat aaaactggct        60
acatctcaga tcacacctcg attctgtctt ttgagttacc tgttcattct catcatcatt       120
ggctctgttc aacaaccaac tgtctatata aaccactcaa taacccactc cactcccatt       180
cagatctata ttctcaactt gacccagaaa agtgacaacg atcatcatgg ctgactcttc       240
aatcactttc ctgcccctcg gcgccattat tcaatctctt gtcgtcaacg gcgtcaacat       300
cgttcaaggc ttccccgccc aagaagacta tgagaagcat aactctccct actttggcgt       360
gaccgttggc cgcgttgcca accgtatcaa ggacgctcga attgacagcc tcaatggcaa       420
ggaagtcatt cttgccgccn acgatggaaa gaaccatctc cacggcggca gaattggctg       480
gagcactcgc gtctgggang gcccaagccc gttggcaccc gtgaagtcct ggtgttgaag       540
gtctggaagg cggaaaaanc gttgctttta ccttactagc gagg                        584


<210> 1318
<211> 551
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G


<400> 1318
agccattgag actctcctca ccaagactga atggtcgccc aagcgcactt tgatcctcgc        60
atttggtttc gacgaanagt gctcttggtc ctcgtggcgc tgccaagaat ngaagagttn       120
tgacggagcg atattggcna taatggaatt cccttcattt ttgatgaggg cggttcggga       180
gttcatntcn tcgacgacac gctctacgtt ctttcttagt gcaggagaaa ggcgcgattg       240
acatttgggc tgaactccgt gtcaaggqcg gtcacaggnt ntatttctna cccacacacc       300
gggcattggn atnatttccg agattgtcaa gtgccctcga agcaaaccc ctactngcct       360
ggttttttgtc aaggacagtn cccgtgtacn ancacctttg tgtgtttgna cgttaattac       420
canatgccca ccccaagttn agngaactct taaanaagga cgaccttgaa aaaggtgact       480
ttttgncttn aattcgtttt tgacccaagc gcaaaggtta ccattttaaa aaaccgcaag       540
ccgtggaaat a                                                            551


<210> 1319
<211> 342
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G


<400> 1319
```

```
cgagcttggt actcctcttg gcatcaccat cgatttccag acagtccaag acggctcggt      60
caccctgcga gaccgtgaca gcaccaacca ggtccgagct gagcagggga agatcatcga     120
cgctatcaag tcacttgtgg atggtagcaa gacctgggcc cagattgaga gcgagctccc     180
caagtttgag ggtcaggagg tcnaggttgt tgcacgataa agcangaaaa gggataaaac     240
tagcatatac gaaaggaaaa tgtaatttat tagatgtcat cttggcatgg tcatgtgtca     300
aaacaatgaa cgtntaggca ggagttagga tttgtcctga tc                       342
```

<210> 1320
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1320
```
agaatgattc gaactacgaa gactggcgat attgtagctg gttacactcc ttcaggtctt      60
ggccgtcccg tcacctatgg aacacatcaa acccatatca tttgtccgga agacatgttg     120
tttagggtgc ctgacaacct tcccttgccc gacgcagcga gtttaacgac cgtagctatg     180
accgcagctg acgctgttta caaccgtctc gggtttccgt tgccctcgcg aaagggtcac     240
tttgaaccca acaagccatt tctgctatgg ggagcaacga gttcggttgg atactgcgca     300
cttcaacttt ccatcgcaag tggtgtgtct cctattttcg tcacggcaaa gcccgaacat     360
ttcgaacatc ttcgatctct tggtatagcc catttattcg actacaggga tccagatgtt     420
cacaaatcca tcgccaaagc tttgcaagac ctagggcttg agagattcga atatgcattc     480
gatgcagcgg gggctcctga ttccgggggt cnggtactcc ganctgtctc agacgttaca     540
cggattgttt ctactgtatt gcgtgacaan aaaaccctc                          579
```

<210> 1321
<211> 366
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 1321
```
gctcaagttc gaggtcgcgt ncccgaagat cttggggagc aacagcaacg gcgaagagaa      60
cttttggcgg tgtatcgatg gacaaaggac gggactggct tggcactatg agcagggctc     120
tatagtcatg gctaggaaat gaatggaaac gtaaaaagga aaggagaaaa gggacaacat     180
ncttggggcg tcttgggagg gacattcnct ttttttggac ggaataacgg ccttaatgga     210
ctcgagattg anctcgagta tgggagcgac aagggtgctt ttagatacca tgaagcgaac     300
agcgatgtca nttatcgaaa agccaagtct tttggcgtat gaaaatttca actctattta     360
atcttt                                                              366
```

<210> 1322
<211> 466
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 1322
```
tacaacacct attatcacta cttatcattc ccgtcatatc tataactttt gtaactcttc      60
```

```
tatacgtata gaagttatng cttttttacaa tctgccanat aaatatgaaa gctttccgat      120
tcgccaatgc cgncganggg ctcaaactat gcgacttgcc agtacctgag cccagtgaag      180
ggttcgcgct tatccaaacc aaagcagctg gtctctgtca ttcagacaca catgtcttac      240
acggcggcgg aaaagcttgg atgtgcaacc tgcccatcac tttggggcat gaaatgtcag      300
gggttattgc caagttgggt nataaatcct cccctttttca aatcaatgat cntgtggcaa      360
tggcctgtgt cgggcacccc attgaagaac gaaacttctc ggaatgcctt ggtgttggag      420
tccacggaag atatgccgan tacccgttgc gccgttcaaa tacctg                     466


<210> 1323
<211> 654
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G


<400> 1323
agcttattgc agcctcagac aaatctgatg ccgacaaaga tttcattggt cgcgcccttg       60
aaagatcaag agagcagtct ctatctcgct acgaacagcc cggctacgac gaggagaccg      120
gtgaaggttc tcgcggttgg tactcatacg ttttcaagaa ctctcatatg gccttcgata      180
gcgagcaatt ctctgtcttc agagccttgt ggaaatggag agataacaca gccaggaagg      240
aggacgagag caccaacttc gttctcagta ccagggacat tgcggaaatt tctcgcatca      300
acccaccgga cgcaaaagcc ctccacagct tgctgcctct taatgcatcg ctagccaggc      360
cgcgcttcaa cgagatctgg gggtacatca aggagtccaa ggccaagggg ggccgaagtt      420
tgcttcactt ttttacttcg atggcccaga cagtcttatg angaatggcg tcctattggg      480
ggcaggaaga caacaaaagn taccagacct tgatggagan gncacaagca gtaggnttga      540
ctcgatcgca gttatttttg gagatatgnc cgattaagta cctcaagngg gatgttttga      600
ccccgacgtt ccnaaacttg aggagggact tatttccgtt nccctggnaa naag           654


<210> 1324
<211> 488
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(488)
<223> n = A,T,C or G


<400> 1324
tagcaagcca cgtttctttta caaaactcgc gtaatagcta ccgtaggctc aagatgccta       60
tctgcatcga atgcaggcac cccgtgaaga cgctatggac agcatattct ggcgcagggg      120
acaaagcaag tggacataat attcgactta ctgtctgtcg caactgtggc tgcttctgcg      180
acaagtatgt cgagcatgac tttgtcgttt tattcatcga cctggttctt ataaagcctc      240
aggtgtatcg acatttacta tataacacgc tcatgcgcga cgatgatcga ctagatcatt      300
ctatcatccg tctangtatc ctgctacttc tctttgatgt gtacttaaca tgggcacggc      360
tgganaaaca gacagtgcct gacgctcttc caggaacgan caatctaggc aaattggcac      420
aacaacaat tgtccttcaa tatcttctc ctaatatttt acgccctctc aaccgcanca      480
ttccatgt                                                             488


<210> 1325
<211> 455
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(455)
```

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<223> n = A,T,C or G

<400> 1325
cccttcagta gagatactcg agatgatgac attatcgagc cgatttctcg tacctattcc   60
aactccatca naacacttcg ccgtcgacgc agtgccggtc ttaacctgtc ccaagttcgt   120
tcggnanaac gtgtcgctac cgttgcttcc tcgctgtttg ttatcggcaa tactgctcaa   180
ggccctaagg agcgtccgtt ggcgagagct ccgacacttg ctgtagggga tttcccgaac   240
ttgtcgcgtg aggtgacaat tgggcgcaat tccatattcc acaacttgtc atcggaggac   300
cgagatgagc ttggcggtat tgagtacaaa agtttaaagt tactcctcaa gatcatcggc   360
ggatactatg ctttcctcca attcctgggt gctgtctgcc tgataggatg ggtcaaccac   420
nctcccagca agtatgttga ctacatcgct gaatg   455

<210> 1326
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1326
cgcctcttca aaccgctcac aactcactca actaaacgac tcttcagtac atctcggttc   60
acaatgggag ataatatcaa gcgcaatcct cacccggatt tcaagggcgt cgaggcttct   120
cgccccgagt ttgacaacac ctctgagttt cactacacca agactgttga tgcgttctgg   180
gctttcggtg cgggtgcgaa caagcttgga aaggatgatg ccgataagaa gcacgtcact   240
ataaatcctc atgaggaggg tcgtcctgcg ggcttcaact acaaattcct catctccgcc   300
atagttcccc gtcctatcgc ctttgtgagc agtcaagcac ccgacggcac tcacaagaac   360
ttggcgccct ttagctactt caacatgatg aaccacgatc ctcccatgtt tgtcgttggc   420
ttctcatcca gtctcgctgc tgccaangac tctctacgca acgtcgctga ttcgggcgan   480
tgtgtcatca acatcatctc cgagcacttt atcgaagccg caaactcatg cagtgtgaat   540
gcccctacgg cgtctccgaa tggganattt caggcctc   578

<210> 1327
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1327
ccagcccata ctcaactgaa gtatcgtcag gctggtcaag gtggtgatgc cgacgaacat   60
cctactcgcg acctcgctgc cgagcttctc gccgctgaaa gccgcccatt tcaccaagaa   120
agaacggcgc ccctgctatg atcgacgatg ccgacgagga cgacgangcc agcgtttctg   180
gtggtnccaa acgagcgctt ccaaccacag atggagaagg agaagaccta gaagcgaaaa   240
gacgccggat nttagcagag acaagagata ttgataccga tgacgacagt gaagaggacg   300
aagaggacag cgacgacgac gacgatagcg atgatgattc tgatgcggag ctacagagag   360
aacttgatcg cgtgcgaaaa gagcgagagg agagaaagaa gaaagangaa gccgagcgtc   420
tgccngaaga acaagatgct cgagaacgaa acnttgccct cggaaatcct ctcctnaacc   480
agccagattt ccacctgaag cgccgttggg acgacnattt gtcttccaga ancaagctcg   540
tggcnccgaa gaaaagggcc ngaagaagga ttcgttaacg atctcctccg   590

<210> 1328
<211> 465
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 1328
tgttgaggct gaagaccctg cccttcagcc cgacgacaac tttttggttc actacgccgt   60
ctatcaccac ttcagatcgc ttggttgggt tcctcgtggc ggtataagt ttggtgttga   120
ctggatgttg tacactcgag gacctgtttt tgatcatgcc gagtttggat tgattgtcat   180
tccgcctact ctgatgccct ttggaaggaa agcggaaagc agaagccgna aaagacctgg   240
caatggcttn atgggactgt gcgcgtcctt tcacacgtca ccaaaagtct tgtgctngtt   300
tatngtggat gtgccacctn catccaaatc gaacaggctt ttgagcaagg tgtnggncga   360
ggccctgagc tatncaaagg naaagaaatg atggtcaanc atggcaagca atcncacaga   420
gatgatgagn ttacgcttat ganaaacntt gaatggatng aaatt   465

<210> 1329
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1329
gatctactgt ataaacaggc attgcgactc atactaatcg ccggccttct catcacagtc   60
aaagatgcat atcctcgtta ccaatgatga tggtccgcca tcaccacatt cgtctccata   120
cgttcactgt ctcattcagc agctacaaca ggccggccac actgtttctg tatgtcttcc   180
tcacacgcag aagtcatgga ttggaaaggc acacatgatt ggtcaaacc tcaagcctgt   240
gtactaccgc ccttcatccg tcgtccatgg tgatgattct caaggtacca ctcaccatcg   300
accatctcct gaaggagatg ttgaagaatg gatcttggtt gacgggacac cgcctcttgc   360
gttcagattg gtcttcacca cttcttccaa gatcgaagaa ctattgatct tgtcgttagt   420
ggtcccacta tggcagaaac accactgctg tctttgctct tattcangaa ctctaagtgc   480
cnctctggaa gcgctgtttg tcaaanaaat tcaattgcct tgaactttgg cttttcttcn   540
ccaggnaaac acaaacccgg tcatcattca aag   573

<210> 1330
<211> 328
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 1330
ngggqttnqq qqqtttncca atccattgag gntggaagcc tgggatccaa ncttattqqt   60
nttgttacca acgaaacct raanttcgag ggaggacctt gaccagcccg tnintaatgt   120
catggttaag gaccttgtca ctgntcctga gaccgtcact ntcttgaagc caacaagatc   180
ttttcaagtc caaaaagggc aagtccctaa tcgtcgacaa ggactccaaa ctcgtcttct   240
atgatctctt cgtttccgac ttggaccaag aaccancatt ttccctaatn gctttccaag   300
cttccgaca gnaaagcaag ntcctctg   328

<210> 1331
<211> 586
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1331
gctcaattga acgctgccca attcgcccaa catgttcgtc gcacgacaaa gggcagcctt   60
cgtggctcga cagctgcagc gaacagcacg aacctacgcc tccgacgccc acgctcacca   120
caaggccgcc gaagttaacg agtcgttcag caccggatct ctcctcgctg tcagcggttt   180
cttcggctcc gttctcattt accagtttgt tcccgccgng ggcgagcaat cttcaatcct   240
caacttcatc aacaagtaca cttcgcgcag caaggactgg gaggaaatca acgctcttca   300
caccaaggcc atggagcagg ctggatacna ccgaaacctt ttcgagaacg gnggcaacaa   360
gcaccgattc gtcgatgttg cataccccga ggcaatctct tcgtatgcta accgaaacca   420
cattgntggt catcttgcca acatggacta cgttgntgag cactaccgac aacagcacct   480
naggaggay yagcgaaaag cggccaagtt ggcacaaaag caggaataag ggatgtncac   540
tagacgtgaa ttgatacttg aattcattt tcattgggcc caaaaa   586

<210> 1332
<211> 736
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

<400> 1332
naggaggnga tggaatnctg acatggatca tgagctntgc ntcctnaacc ngtgatctna   60
actaccnaat cnatacnatg tgtctgtgat actgtcgtng caacatgnaa gcataacaat   120
ttgggcaaac ttcttgatcg agancaactt ntaggaggan ngtcaacaca nccnagactn   180
caagctttga gcttggacga gatgcccatc tcatatcgcc ccaacataca agtacgatgt   240
ggggactggt cattatgaca ccacgtgata agagacgaag ccaccgcttg gtgtgatcga   300
ctgcttcaca gaggtcgcgg tcgaatataa cagtttgact acagacgtca cgaggttcga   360
agtgaagcga ccaccgacct gtgacaggaa cctttaatct ttgggtcaat aaggtcaacc   420
ccaggggtag agcaacggcn tggatggaaa gtcagcaaag ctttgaggat atgcgtgaca   480
aggaaacctc tgaggataag ctctgcttcc tgagagatat ttgcggattt gacgaagcaa   540
cgagcaaaag gctcatnaaa gaaagatctg nanggcgtga aaaccgcacc ccgtgcgcac   600
ttgaagtgac tgccatatca taccatatca tatannagac ggcttggntt aatcgtcaaa   660
acgaggaaca tganagccct natngattgg ataangttaa tcggantttn aagggattgg   720
ggccgtttga agatac   736

<210> 1333
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1333
gcactgaact tngantcttg attttcctan ctcttcctga tctttattga accattcaag   60
cctcaycgc tgcctagccc ctgatatga ctgtctctag ctattgacct gcataattca   120
aacaagactc atatccaaca cacccaataa tctttttttc atgtcagcaa tcatgcctta   180
caataccaca gctattcccc ctcgtaagga gcctacagga caaaccaac ttccgctctc   240
aagagtcaag aagattatcg cacaagatcc cgagatcagc ctctgctcca acaatgcagc   300
tttcgtgatc acactcgctg ctgagatgtt tgtccagcat ctagcagagg aatcacacac   360

```
ccaagccaag ctagaccgca agccccgtcg aaacatccaa tacaaggatg tcgcctccgc      420
cgtcgcacat cacgacaacc tcgagtttct cgaagacgtt gtgccaaaga cggtgcccta      480
caagcatatc aaagccgctg ccaaggcaac acaagcacgt cttcaagggg agaatggtag      540
caaccagacc atcaactttc ccgtgggcga aangcaccna gaagctcac                  589
```

<210> 1334
<211> 952
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(952)
<223> n = A,T,C or G

<400> 1334
```
gtgatagtgc tgcctgggtt ctgacctcan ataacgcttc gctcataatc caacctgtct       60
cagtgaatac aatggcagat ctcggtcttc ctttccactc catctccggg cttcccaact      120
tccgggacct cgcaggccgc ccacttccta ttaagtcacg ccccgaccac acgatcaagt      180
ctggtctcgt cttccgctca gcagagccgt ctcgtctcac cgaagacgga atcgcagcgc      240
tgcagaatct gaacatctct cacgtttacg atctgcgctc ccgtactgag attgagcgct      300
acgccacggg aactcgtgag tggccaggcg cgaaacgtgt ttttgttccc gtcttcctgg      360
atgaagacta tgcccagag gctattgctg tacggttcaa gaactacacg gctgagggaa      420
gcgaaggctt tgtggaggct tatcgaggaa tctgggaaac gggaacgaaa cctatcagaa      480
ctatcatctc acacctggcc aggccagacc cttcaccttt actcatccac tgcacggcag      540
gcaaggacag aactggagtc atttgtgcat ttatcctgtc aatctgtggc gtagatgatc      600
agaccatcgc ccgcgagtac gccctcacag aggtgggact tggtgatttc ggagacgagc      660
tttcaaagca gtgatgaaga tccctgaact ccaagagaac cccgaaggtg ccaaacgaat      720
gcttggagct aagcctggaa acatgctggc agccctgaga acattaaaaa aacagcntgg      780
ctctgtgagc aataccttgt caaagtactg nggctgtcaa aaaacnatct cgaccaggtt      840
cggaaaactt tgntcgtccc catagcaacc aatagcctca gccnttaagt ntncccatgg      900
atgcaaaaga tcaancgtcc ataatcaatn tcaagatcnc nttttaacca nt             952
```

<210> 1335
<211> 427
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 1335
```
atgaaacatg cgatccgact acacaactcc ggtcttctca cacctagcga tcccagcagt       60
gctgagatac tgcaaaagtt tgaacacaaa tcaggactgg aaaacatcgc anaaaccctc      120
aagattaagc gtgtcggtaa tgcgcatcaa gcaggatctg actcattact tactgggaag      180
gtcttttttct ctatgcgcga caagatcttt gccggtgaca tccctgatga gcacgttggt      240
aaagtttggg gtctcggatt ccccgactcg acctctaaca ttatgtcgat gacgaaccag      300
caaagcaaca atgaggcag acaaatggca acgcacccag cacacccaac actacgagtg      360
tcggctggt actacccctg gacctcangg cacaatggca tcctcaacac angactatga      420
ccctgga                                                              427
```

<210> 1336
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(573)
<223> n = A,T,C or G

<400> 1336
nttctcatct aaatnagtca acatgaagct gtccgctgtc acccttctca ctcttgccac    60
cggcatcatt gccgctcctg tcgctgaggc cagcaaggag gtccgttctt acggcagcta   120
cgagcccccc aagtccactt acgagcagcc caagactccc aaggaggaca gcccaagaa    180
gcctgagtac aaccagccca aggctcccaa gcctcaccac gagaagccca agaagcctca   240
ccacgacaag cctaagcact acgctcctcc tcaccacgag aagcccaagg ttcctaagcc   300
tcaccacgag aagcctaaga agcctgctta tgagcagccc aaggcccca agcctcacca    360
tgagaagccc aagaagcctg agactcccaa gaagcccgag tacaaccagc ccaaggctcc   420
ttaagcccca ccacgagaag cctaagaagg ccggaaactt ccaaaaagcc cgagactcct   480
aagaagcctt tnttacgaga agcctaangn ttccaaagcc ttnatcatga gnaagcccaa   540
gaagcctgag accccaagaa gcctttctta cga                                573


<210> 1337
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1337
atcattcccg gctacgataa cggcaaacat tcagaagggg acgaggttta cttaaatctc    60
tccatctgca ccctccctaa gtcattctct ctcttcttta ttcaccaacc ctaaaagata   120
ccccagattc caacgtctac tacccctcac tcaaaatgtc caacggtaca aacggcacca   180
acggcgcctc gccgcaatca aagttcgacc ccaactttac agaccatgtc attggcctta   240
tgagccccga gaccgagcct agacagcgcg agatcctcac ttccctcatc cgtcacatgc   300
acgacttctg cagagaagtt gagctcaagc aagacgagtg gatcattggt gtcaactaca   360
tcaactctct tggtcaggcc tacaagaaga accgcaacga gacatggcgt gtctgcgaca   420
ttctcggtat tgaatcgctt gtcgatgaga tcaaccacaa ggtcgtcacc gacggtggga   480
aagtcccac atcctccagc atcctcggtc ccttctggtc tcccgagacc ccttccgcga    540
actcngtggc agtgttgttc aggacatgcc caag                               574


<210> 1338
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 1338
tcttcgcaag tttccgcgcg gtgaaagatg tccagaatgt ggtgctaggc gatggtattt    60
ggaaaatggt ctgcgtttct gctccaacgg acatcaagtc gagggatttg ttcaattcga   120
tataggtgac gaggtagatg ctggaaatct cggaagagta gccagaaagg aaaaggaagt   180
caaagaaaaa gaacttcgac atctcattgg ccaagcagga aggaatctct ttctcgaatg   240
cctgcagctg gttttgagaa accaactttt atggctcata acaagcaaag gtcatcggga   300
agaacttgag actgtggtcc gcgacctttg ggatcttcgc acccgcggcg gtggtcgct    360
tcccatggga gaagagacgc aagaagcaga acaggatgaa ggtctcgcat tgttcagctc   420
ttagcctaca gctgatgcga agatcaaagg caacgcgcc aagaaacaat acacangagc    480
ccagagctgg aatccagagg agaatcccga ctggccaatg cctaggatga ttgacacact   540
ggctttgtgc tacttgggt gcttgctgct cagaatacct acagncatcg gtgaactgng   600
tctttgggcc aatgctggac gaatc                                         625

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<210> 1339
<211> 883
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(883)
<223> n = A,T,C or G

<400> 1339
caagctcttt gttttgtttt gttttgtaat acaatcaaat acaaatttcc tatacatgca    60
gacttgattc ttctccctgg cactcggtac ttgaacatgc aacgtttcgg tgtcgtcggc   120
caatgccgat tcgctgcacg tcggttgacg ctgcctcggt atgtcgcgcc ggtaacagcg   180
acggccctga gggcttcatg tctgtcgcaa aggacatttc atacctctcg taccgctcta   240
tcgaaaccta agggatcatt gggcgtcaac ccgaacaact tcgaagagcc caccgatctg   300
gcacgcaaga tatctccga attcgctttt gcatttgagt acgtcaatgg accttcatat    360
atagttcctt caccaatatt gatggcgtct tgtatcaggg ccgtaacagg gtggacggag   420
ctgataaggt tatcaaaatg ctcagaagca atggtattag atatgtattc ttaacaaacg   480
gtggctgcgt tcccgagagc aagaaagaag aaagtttgca ggagcgactt cagattccta   540
agcatgaaga cgccataaag ggaagaatga ttctttcgca cacgccaatg aatggttgga   600
gtgaggatat aaagaaagat ggcacgattc tgatcacagg ttctcatcct ganaaagccc   660
ggcagattgc tcttgattat ggctttaagc gcgtcgtccc ccancaaana ttnttgctga   720
gtgnggngat gtgttcccct ttgagcgcat cgagggngaa aaaaatggca aacctgtgcc   780
ttttctgatg gcaaagcgaa tcctttgctt aaaagatcct attncacgaa catnccgca    840
aatgccctaa aaatgaccat nttttatct ggaaccaccc aaa                      883

<210> 1340
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1340
cctcgaccaa gtccgtctcg tctgcgagct cgttggcacc ccaacagacg ataattggcc    60
tggtgtcact aagctttctg gttatgctgt ccccggccaa caccctgtgc gtggtaagga   120
ctggtacgag atgcgcttcg gcacggtcgg ctctgacggt gtggacttgc tcatgaagac   180
actcatcctt gaccccaaga agcgtatcac cgcccgcggt atgctcgagc accctggtg    240
gcactccgag ccaaagccca cgcgcaagca agaccttnct cgaaagggcg ggacaggagc   300
tgatgacaag atgggtgctg atctcaagcg acgtccaggc cgtgattgat gatgatagag   360
ggtccaaggt tgctcgcaag cttgactttg gcggtatgaa ctagatacag gtagatttga   420
catggatata atgggcgcaa gancatatgg catgaacttt gggggattc ttttggcgtt    480
tgggtttgcc aagtagatgg agagcaatat gtcacatcta gtnaaacaag tcaggtacca   540
tgatgcaaaa tgagaaattt attagacact tcaaaaaa                           578

<210> 1341
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 1341

```
attggtcaga cccatctatt aatcgtttcc ttacaggctc attcttttct cgtcaaactc      60
tcccctcaca tcctatccac catgcgtcct ttcgccctct cgacagccgt ctttgtgacc     120
gggaccgtcg ctcagaatgc ctggaaaact tgctacgatg gactgttcat gatcgctgca     180
cgaggcacga acgaggataa aggatctggt agaattggag acattgccga agctgtcgcc     240
aagcgtatca atggttctca cgtctacgga ctcgactatc ccgcgacatt tcaagaaccg     300
gactacgagg aatccgaggc tgatggcgta aagaagctga aggacattct cggcagctat     360
ttctaccaat gtccaaacaa caaggtcgct gtctttggct actcccaggg cggccaagtt     420
gccagtgatg tcttctgcgg cggaagtggt ggggatttcc caaccaacga acccgttaca     480
gttaaagatg tcgaaaagaa cgtcattgct gtcatcacat ttggtgaccc aagccacgtg     540
gcaaacgtct cgtacgacnt aggaagcaca ttaacgacgg tgttttccag c               591
```

<210> 1342
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 1342
```
gcaaggacca aagccgngct ccttctactt ataatgatcg nggcaacaac aacatgggcg      60
gcaactttgg tggttctgga ggcggctttc gaggaggtag gggcggttac aaccgnggtg     120
gcatgaacca gggtggctac aaccgtaact tcaacaacaa catgggtgga ttcaacaaca     180
acatgggagg cggatacaac ggatctatgg gaggtggtgg taactttggc ttcaacaacc     240
gcggcggaat gatggggggt ggcatgcgag ggggtcctgg tggtatgcga ggtggtcgag     300
gaggcggcat gatnaacatg aacccgatgg gtgggatgcc tatgggtatg cccggcaaca     360
tgggtatggc atgatggctc ccaatggtat gcccggnttt caaggtatcc tcacagcttc     420
aacccgggct ttggnttcaa ccaaaaccag ggtggcggtg gcnattgggg gaacccccat     480
ggagccaaaa nacctagggg tgaatacccca ctntttgaca ntgnctataa accccaatcg     540
gtgggaatna natgctgcca accacaactt gaaaattttc tgcaacaaaa aacttgcgng     600
ggaaactttt nttttccccg anggttggg                                        629
```

<210> 1343
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 1343
```
cgtcaacgag gccctcctgc gattgatgat cccccctggt ctcctgaccc aaggctccga      60
tgagganaag gccaaggctg ctgcccaaaa agcccctaca caggccaaga tcaccagcct     120
cctggagaag attgccaagg cctacgatgt taacattgtc gagagcacca cctngtggct     180
cttcgatcac aatgagatcg aaggcagcaa gaagatcgtn ctttcccctt cagagggctc     240
caagggtgag ggtgttcccc aaattggtga ggtttgggat attgaggtcg gtgtcaatct     300
gggctccggc aaggtcaagt ccattgacca ggtgccacc cttnaccgnc gcaccaacca     360
aacttatggt ctgaagcgac ctacttcgcg caagatctna acgaggncca aaanaagttc     420
ggtccttccc cttcacttgc cacaactgga ggatgaaccg tnatgcccaa tctggtgttg     480
tccagtgtgt ccaagaaat gttttcccca atacnaactt gtttggcgaa aaangacaac     540
cttttttgtg gcccgatcct ttacaacntt tgttttacca aaaacggttt accaagctng     600
ggggcccnc ccctct                                                      616
```

<210> 1344
<211> 419
<212> DNA
```

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<213> Fusarium venenatum

<400> 1344
```
ccacactatt atccctctac acctcactta acacaatgtc aatcccaaac gaagctcttc      60
aaaagttggt gcgggagatc gaaagccagg ccttggtggc ccagcagcag attggcctcg     120
cccgtacaca aatgacttca aagcagcgcg aacagcgcct tgtgaagctg actatgaatg     180
agatggctac tcttccttct gacgcggtgg tgtatgaagg tgttggaaag atgttcgtct     240
cactgcctgt agactctctt cgacagaagc tcgagggcca gacgcaaact ttggagggag     300
aggtggacaa gctcagtcag aggttgctgt acctggaaac tacacacaag aatagccgcg     360
agcatattga gcagatgctt cgcgccaaat aaagctagca ataaaaagct tgcaacatg      419
```

<210> 1345
<211> 588
<212> DNA
<213> Fusarium venenatum

<400> 1345
```
atcaccgact tccatccgtc caaaccctat cgcccatcct caacctttcc ccttcatcat      60
cagattccaa gacctatcgc gaccaactcc aatacatccc taccgtttgg acgcctaact     120
actcgactgt cgcgtcgcat tgctctcctt gtcgcgacga ctatcacctt ccgactgcgg     180
cccaccaaaa ctccacgctg acgcaatctg ttcccttgac ttcaagcata agagacgaaa     240
ttaggcgatc agcttatgtt ctttaaacca gactccttag gctatttatt tttataccct     300
aagagacctg ttcctttttc ggcctcaata tgaagtattt accagtacaa gacttcgaag     360
cggtgacaag cacgctcaac ttcaacactc ccgactgcaa cgttacgggc gggtgcgatc     420
tttacacaac gaaagcatca ggcaccgata agaaactgta caaaaacatc gacaatgacc     480
taaattcgca acacgaagct ctcctgaagc ttggcgctag cctctcacca cctgaacgcg     540
ctcacatgct agccacatca ccaagcatgc aaatgttctc gcattcaa              588
```

<210> 1346
<211> 805
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

<400> 1346
```
cacaaataac actttattga tcgcatatcc accacgacaa ctctctagcc acccccccact      60
gctcactcat actttcgata ctttgggcta cacacttaca acccgtcgcc caccatggct     120
gagcgcaacc tctcccagat catttctcag ctcaagcatt ccccctccat gagctatact     180
gatgccaacg ccctcctctc aaaggncaag ctcgctcttc tcaagctcaa cgccctgacg     240
ccctctcctt cgactccac gcaactgctg cctctcgccc gtyayaccta cgancagggc     300
gccttatttg ccatccgcgc tcgcaatccc gaagccttca cccgttacgt tcagcaactc     360
cagcctttct acgaactgcc cgcctccgtt ctcccaccca accttctcga gcgttacaag     420
gttactggtc tgagcttggc ttcttctctt gacacagggt cgaatatgcc gagtttcacc     480
ctgagcttga aaacttggag aacgtgaggg aagtggcggt gacttcaaaa cgatcgatac     540
ctgggctatc ctatccgttt ggagagatgg ttgatggaag gatcctacca acgggtntgg     600
aaggcatga ahacaccaag tgcttgcgac gaatacagcg tatttctgan atcttaanaa     660
caaatccgtt ctgaaatgct tccacaggaa cgcgcgtntc ccacttacta ttactctaca     720
aatcctcctc tcctggatcc aaagnaagtt nttcctttgc ccccncctgg tggatgttcg     780
caangcactc tattcccaag ccctn                                          805
```

<210> 1347
<211> 288
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 1347
ctttggcgat gttgatgcgc ctccggttcc tgtgacctac cctattccca ctggtcccag   60
gaaacagctc accggctacg acgattaaga tctcgaatta aagacaaaca aggaagattc   120
acggctcggt atgacagaaa agaggaagcg agcacacant nttgtacaaa ccacggcgtc   180
acaagagcag cactacagng ggggnggagg aatatnatag atgaattcnn gggacaaaga   240
gtcgacgtcc aagatctatc agcaattgac gctccaattc ggttttct   288

<210> 1348
<211> 548
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(548)
<223> n = A,T,C or G

<400> 1348
gacgcatagc atatcacgcg atgtttatgt catgagccat accacacaac actccatgga   60
tcaatagact tcactttaat cacagactgc acgaccttcc acaaaacatc ctcctccaaa   120
cgatataatg gagaacctat ccatcaacga tgcccctcca cagggccgtg gtgcgccgca   180
accgctacct cagctgccgc cgcaaatgtt cacgactgcc gcgcagctcc tggacctcac   240
agacaagaag ctcatggtcg ctttgcgcga tggaagaaaa cttatcggag tactgagaag   300
ctgggatcaa ttcgcaaatc ttgttctcca atccacgatc gaacgtatct ttgcgccctc   360
tcccgactca gcaggtagcg accggccaac tggtctctac gcagacataa accacggcac   420
attcctcgtc cgaggcgaga acgtactact ccttggtgaa atcgacctcg acagagacga   480
cgatcccccg cctggtttcg agttggccga cttgnaagtc gtcaaaggag atcgcagagg   540
agaagaaa   548

<210> 1349
<211> 667
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

<400> 1349
ggtcatgcca atggctgtgt naatggagac nccaacaagt cccgtcaaga acaaattgat   60
agtactgcnc cgggcaagcc tccncctaac ntgtggaaca accntgcaaa aatggntctt   120
tgctttgcca actgatncgg atgctcagcg agaaaaggca agcccttcta caagctgaag   180
ttgaaaggag atggtacaga agttgagtca acggcctggc cttggcaaga aacgggcttg   240
tatttgcacn ttgcgatctg ctatgtgcca acgttatcat ccacgaagat gacnatgcag   300
cacctacagt cgacttcatc gactacnant atgctactcc ttcacctgcc gcgtttgatg   360
tggcgaacca ttttgnagaa gtgggcggga tacgactgcg ttactcagc cgtcctaga   420
caggaccagc ggcttgcttt cgtgacagag tacatcaagt cctactttgc gttaacaggc   480
gtgagtgtca acgaggaaga agaagtgcgc aaacttatga ttgaagtcga tgcctaccga   540
ggagtgccag gcttctactg nggtatcttg gtcacaaatc cangccgtca tctnaaagat   600
tgacttnact atgctcantn tgctgaactg cgtntgaccn gagtctggnn atacaaggct   660
naggagg   667

<210> 1350
<211> 622
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 1350
gttgagcttg agtttgacaa gtcctacgac attccaggga ctgagggtgc aactgtcacc   60
atgataccag ccaaccactg cccgggaagc tctctntttc tcttcgagaa gacaacaaat   120
cagggggcca atagtcgtgt tcagcgtata ttacattgtg gagattttcg agcttgtcct   180
gcgcatgtca aaaatcctct tctcaaacca aacatcatcg actccatttc tgggaaggtc   240
aaacaacaaa agattgatat ctgctatttg gatacgacgt acctcaatcc gaagtactcc   300
tttccacctc agaacgatgt catcaaagct tgtgctgacc tttgtggatc aatgtctcct   360
gatcccaact gtaaagacga tatttgggaa aaggccagtg ggcagggcac tccagcagtt   420
agcaagttct tcccgaacgc aaagtctgat ganaaagaca aggtccacac caanaaaaag   480
catcctcaac ggttacttgt aatttgcggc ncctactcaa ttggtaaaga gcgcatttgc   540
atcttcatcg ccaaagccct caaatctaaa atttccaaca cctggcaaga acaaaatntg   600
aaacaacttg gcgacccaaa at   622

<210> 1351
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1351
caaaacccgc tccttgttgg tttaaagtag tatttattgg tgtccgtcct tccccatggc   60
tgcatcttcg accaccatgc ctcgaatgca atcttcgctg ccattctttg caaagctact   120
ccttttcgct tgcctcatcg catcgaccgt tgccgagtcc atgacgcttt ccgacgatgt   180
cctacggaat attccttcgc caggcgacga ctttgatatc aagaatggca agctgctcgc   240
tcctattttg atcccacgtg tccccggcac tgagggacaa gtgcgcaccc agaaacactt   300
tgtcgacttt ttcaaggaga acctccctga atggaccctc gagtggcaga attccacttc   360
aaagactcct gtccatggaa acaaacaggt ccccttctcc aacctngttt ttcgaaaaga   420
tcccccatgg gcgcaaaatg gggatgtcag ccgactcacg ctggttgcac actacgacag   480
caagtatgaa ccaaaaggct tnattggcgc aatcgatagc gctgcaccat gtgccatgtt   540
gatgcatgtt gcgaaggagt gtcnaaaatt ccctcaangg cgaagtggaa caaagatgca   600
aaaaggacgg ggccatggat   620

<210> 1352
<211> 1500
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1500)
<223> n = A,T,C or G

<400> 1352
gggcgtgttt gacgtaagct gcatataatg atgcatgatg agcccgaaat caaacaaact   60
attttgtct ttcccatctc tacctttcct acatgtatag acattgtgtc acactgttta   120
cagtgtgaca gacaaccctt acataacact cggttcacac attccactcc tatatccatt   180
cctctctcaa gatacatcac ttgcaatcat gcacgtgaca gccacaaagc aggacaagac   240
tacggtcgta ctaccagacc tgttcaaggg ctttgttgtt caaacacccc gtatcaacaa   300
aggctatgag gcagtcaagc cagtctctga acaatggctt tcagaaaaat gccagttctc   360

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```
ttctcggatg aaagaaaaga gtcgagttct gcgactttgc tcttttcatc tctattgcag      420
cttctgatgc ccctggtgat agactcaaga ctatgtgcga ctggggtaac tgggtatttc      480
cttttggatg atttgtttga tgaagggtca ttggaagaat gctcaaanag caggctcaat      540
tcgttatcga cagtctcatg gcagatatgc ttggtaaaac atttaccaac aagaagaatt      600
cgtgttgngc aagcncatga tgatatnttt cgaagagttt ccgagggctc aacaagttgg      660
cgctcggacg agatttgctc tcgcaatgag agactataca gatggagtta ttcatcatgt      720
gaagcatttc tcttccaaca gtattccaag tatcgaagat atgcttcata ccaggagact      780
atcatctggc gttacgcctt tatatcacct tgttgaatat gctcatggta ttcaattacc      840
tgatgaggtg tttgagaacc ctgtcattca aacgttagaa cgtcttggtg tggactttgt      900
cttattggca aacgacgtct tgtcttactg aaaagaagag aatgacgatt ctcccttcag      960
catggttgcc tcttgcagaa atggctggcc aatctgccca ggaagccttt gacacccgtg     1020
gggcgcactt ctcgaaagag cgacaccaag aaatgggcag acagtcctag cggaactacc     1080
aagctgggga ccagaaattg acgctcaggt gacacgatat gtcgaaggca tccgaaacnt     1140
gtccaagcta atgtcacatg gagcttccaa tcggggaagt actttgggaa acaagcccaa     1200
agaaatttga caaacntcgg ttgggttgac gtgatgatca acccccgta tctgcatcag      1260
cnggagcaa cagcagcgac gtcatgcagc caacaattca tttgggtcac tggccaaaga     1320
gtctttcttc attggttcag catgtatcct ggtcgttttt tttgagcctt gtgatcatct     1380
gttactttgc cgtgattatt cggcattgag tgtatgtaga tagagtcgat cgacacgggg     1440
atctgattgt gatctgattg ttgattcaga tagtgagaca atataagcaa ttgctttcat     1500
```

<210> 1353
<211> 977
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(977)
<223> n = A,T,C or G

<400> 1353
```
caccctcgtt gtcatatcaa atctgtcact cgttagacca gactaccatt cccactttcg       60
cttttaaact actttactca actaattcta ataccaactc caaaaaccat caacatgcgt      120
ttcacatcaa tcctcgctgc cggcgctttc gccaccatgg ccgctgccca gagcaagacc      180
gtctccctcg accctgctca gcagtctcag gccgactgcc tctccgactg tgagcctggc      240
gatgtcaagt gccagtctta ctgcatcact gttccctctc ctgacgagaa gaacatcgag      300
gaaaccacca agtgtgttgc cgcctgcccc aagggcaagg gctccgaggc cgacactgag      360
aagtacaccg tttgcatgaa cgagtgtatc gccgacaact actggaagtc cgttgatggt      420
acccccgtg gcaccgacgt ccccgatgtc aagagcaagg cctccgaggc tgcctcctcc      480
gctgctgana aggccaccgc caccggtact gctgctgagt ctgatgctac cgccactggt      540
gcctccgcta ctgagtccga gtccggctcc gactccagct ccgaagagac cggctctgcc      600
tctggcactg ccactggtac cgctgctgag gtctccgaga ctggtaacgc cgcctcttcc      660
ctcgttggtg gtgtctcctt cctcggtctc gttgccgcta tcttcgctct gtaaattggg      720
tttcctgctt taggataatc tgatttggca tgacggagaa ggattaatg ggtttattta      780
cagcggtaat gattggagtt tggatttcaa gatgtgacac gttggacagc atgataaggc      840
ctacgggtct gatcaatttc atggacaaat tttgtttttt tgggtaatca tttcgcgttc      900
acatatggct cggcatatga gcatgaatac aatacctctt ttttgcgcct ccaaaaaaaa      960
ataaatatna ttnaaaa                                                     977
```

<210> 1354
<211> 399
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 1354

```
tgaccttgca aacaagtgga aggatgctaa atttgagccc agcgctaagg accttgagaa      60
ctttactgca aaccagaagc ttgtcttcct ggctgaagta caacagtccg gtgatctaac     120
tgcagaccga gctcagctca tgggcaagac gtacgatttc ctgtcatcgc agaacgtgga     180
aatcctctcg gcgtactacc tgattgctct acaggcaaag gattctgcca tttaccaaga     240
tgccgccact ttctcggagg ggttggtcgt atgaagtttg tgcgacctnt gtccgncctt     300
aacaaaggga ccgacagttg cctggaccct ttganaaaac aaggnttttt tatccatttc     360
caggntttgt aaaaaaggat ttaggtttaa agttggggc                            399
```

<210> 1355
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 1355
```
gtttcgcgtt atggatggcg gaaagaagct tgtcaaagtt cctaatgctc tcaactcgtc      60
ctctcgaacc cccaagactg ctatcattgc tggggtcaag ttttaccgaa caaagacagg     120
caaccttgtg gcgaatcgca ttgttaacga ccagcggcga tcgggcgcgg tcaagaagat     180
tgatcaactt tgtaaaatct tctcaacgac tggtatttcc tctttctatg actggagtgg     240
tccacgcctc catcatccga accggcctag tggccatggg acaaaactaa catataattt     300
ctgccaggtt catgcactaa aggccctcag tgccgctata ttcacgatcc caacaaggtt     360
gctctctgtn aaaacatcct gaaagacgga caatgtgtna acggcgagtt ctgtgatctt     420
tcccatgaca tgacttccga gcgcacaccc aactgcttgc acttngccaa aagccattgc     480
gccaaggatg aatgnccttat ctcacttca gancgtccct gntggtntag tgtgccgaac     540
tttggcttna atggctactg nganaaaggg gcangttnta ctgaacgtac cgttttttgag     600
tgtcctgctt tancaatccc ggccgatgta agancaag                            638
```

<210> 1356
<211> 563
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

<400> 1356
```
ctaaaagtcg agagcgtcat tgtccagatc tacgcccctg agttgtcaga gatatactca      60
tatttggata tctggtcatc gatccgaaaa cttacccatc caatttctcg ccccgatcc      120
gcgattaata naccccccac tccccatcga aatcccaggt ctaagttcca agacaagaca     180
agtccagtct caactaccgc gactcgacct tgcttntttt tcctcctgtc ttgncaacaa     240
cagtcaagct acccgagcct atactttcaa cantggcttc aacactcaca acaaccagg     300
cgcaatgtcg ccgccgnnaa caataccatg aagccgatgt cgtcgttgta ggagccggtg     360
tattcggttg cactatggct ttcgctctcg ccaaccaagg ccgatccgtn cttntctcga     420
gcgatgcctc aaggagcccg atcgcattgn cgganaactt ctccagcccg gggggggcacc     480
tctttnaaaa gcttcggctt tggacactgn gtngagggca tcgacgcaaa agccttgnta     540
cggatcncca ttttctacca tgg                                            563
```

<210> 1357
<211> 418
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(418)
<223> n = A,T,C or G

<400> 1357
caccaagact tgcctntgtg gtacaaagac ctcaagaagt accatcttgc tcatcacttt       60
ctcgattacg agcttggttt cggagtcacc agtagattct gggacaccat tttcggcact      120
gagcttattt acnacaccaa gaagacaaaa taagctcact ataatgcgcg caatttctgc      180
ctggcgtgta tcttataaat tcaagctggc acactgtata tatgtcttgc tatcaagtgc      240
ttggcgcaca ctgggttgta cggagcagtc atgattaatg gatggtaatg aacatggngg      300
gccctggcat taatggatcg aacagcataa atagttttaa tggntgggac tggtacgccc      360
gacattnttn tttggacaga gtcacttttt aataatatac ctcgtntnaa aaaaaaaa       418


<210> 1358
<211> 675
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

<400> 1358
caacaatcta gctccttggc taccaactct attacaactt agtagagctc aacgacactc       60
aacctcttcg ccacatcctt tactttgcta gggacggctc ccttgccacg atatcacaaa      120
ccacaaactc acaaacactt tgtcaacatt gtgtgcaagg atgcaattct caacaaccaa      180
cgcaccccat tgtctggtgc aagatagttt cgacgacata aaccccaagg acttcctcag      240
acaagaattc aagtctaagc gaccacgaac tgccgatatc cttctcgagg agctaccaca      300
gggtcttgtt caggatgctg aagcaacaga tgtcacagga gatttcttct cagccaagtc      360
tgagttagag tcagaccacg aggaacaact ccccgacgga atcgaagaga ccgaggaaga      420
gagacagaag cactggttcg tcggtagcat cgaccaaggc acaacatcaa cccgattcct      480
natcttcaac ggacatggtg aacctgtcgc cagtcatcag atggaattcg agaacccttta      540
ccccagctnt ggatggcatg agcatgaccc tatgaccttn ttgaatctgc cgagatttgc      600
atcgagaagg cactgaaaaa ttctgcgcca aggacacagt gtcgaagaaa ttcctntntt      660
ggtatcacaa atcaa       675


<210> 1359
<211> 989
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

<400> 1359
tcagaattca gcagctttac aactcattta attaatacaa acaacacaaa aacctcctct       60
actcaaccaa tcattatccc tgctaccttt ttaccactta aacaaaaaca catcaacaaa      120
atggccttct tccttcccg tactgtctac catacccagg ctccctgaa cccactctac      180
tatcttctca aggaacttga ccagtctgtt ttacagcccc agcagcctca ggcagctcag      240
caaagaagcc gatgccagtc tcaacagaag agccaggctc aggctgaatg ccccgcctat      300
cgggtgacaa cccgaccatg ggagccccgc tttgaggctc atgagacgga ggactccttt      360
gttctctacg gcgagcttcc tggtctgaac aaggaaaacg tcactgtcga attccccgaa      420
cctcgcaagc ttgtcgttag tggcaaggtc gagcgtttca cagaagcctc caaggcagct      480
gaaacagtca ctgagcagac cgctcccgct ncgtcatng agtcagcaa cgaagacacc      540
cagagcagaa gttcatacca agctactgtc gaggacgatg ttgatgatga agtttgaggt      600
cttgagccac acatcacaaa aagtcagaga ccgttagtca accacagtct gagactttna      650
gcgagaaggn caaagacaag cagcctgagc aaccaagca gctgagcaac ccaagcagnc      720
tggaanagcc aanacgttnt ggttacacca aggagttttn acnctactta ctttccccac      780

```
ctacgtnaac cacgaggnag taaccggcca acctttaagg atgggctcct ggactggcat    840
tggtcccaag gctactccca agtctcgcgc atcctcatta actagaggat cggatattgg    900
tttccacatt gaatgngata ttctttggat tanatatgtt tangagttct taagctggtt    960
tcttaantaa angggtttnt aaaaaaaaa                                       989


<210> 1360
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1360
aagttagaat agggtctttu aatatcttga rcgtcgacat gtcgtctgga aatgacatga     60
attgggatcg tatcttttac cagcctgagg ttgaagcgac agttgatcta ttcgatgtat    120
ggaacccagt caatgacacc gtcgatcctc agcaattaaa cacaaccctg actctggttg    180
agaaccatgc cagtaatccc actcaggctt ccgagtcaat caatagtatc cctaccgccg    240
accaaaagcc cgctacaccc attgctcaaa gaccagggaa acgcctttct ctagcttccg    300
tccgtgtcct caataaatgg ctcacaaatc atacgcatca tccctacccc actgtcgcag    360
aagtcgaatc tatcatcagg caaacaggcc taagcaaaca acaagtcctg aattggtttg    420
ccaacgcccg ccgganaaag aagtttgcgt ctactgtagc gccgttgacc cgaagttact    480
cattttgaga ccataatcat gaactttgca acaagaagga aagaaatgag cgaanctttt    540
acagaaaaga acatctgaga cagcatctcc gattggtaca cngatc                  586


<210> 1361
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 1361
cttgttcaga tgaaattccc attattttac caacaagtaa tacattcatc tcattgacaa     60
tgcctcgcat aaaagcccct tcaaaccttc ctgaactcgt caagactact tttacaaagg    120
ccagatcaga gggagatttg cactacttcc ccacccaagt tgccgttctc aatgtcgact    180
ctatcccatt tcaactacgc ttctccccat ccctggccaa caaacccaag cctccgccga    240
aagacatctn caagcctcaa aagccatttg atcctttcga gagcccccta cctgccctca    300
aagtctcaga tcttggcccc tctcactact gtgtcttgaa caagttcgct attgtacccg    360
agcacttnat ncttgccacc aaagacttca agccccagac tcacgttctt gaagagtctg    420
atctagaagc tacactggct tgcatcgagg natacgaaag ctgntagaag aactgaagcc    480
gagcaagggc accgggacng agcattgggc ggnggagatg gctttacgca ttcttnaact    540
gnggnggatc actntggggg caggcnacct nattgacaca ttcagntact tcccaattgg    600
aagggtgaaa ggatgg                                                    616


<210> 1362
<211> 287
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G
```

<400> 1362
gtaacaccgg cgatctcgtc tgcaccggca ctctcatcgt tgctggacct cacttgctct   60
accagactga tgcttccggc cctgctcctc gcttcctcgt tgagaaggct gactctcttg   120
gtgccggaag tgcctaanaa aatgggaaat tttgtcttga tgtaaatgac tgattgggaa   180
caaaaagcaa taggccggcc tattcttgga gactttacg aggtatacgt atgttaagtt   240
tttattattt ggtagataca ttttgcaatt ctactggttg atagacc   287

<210> 1363
<211> 357
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 1363
ggaagatgta aagtcgttac agaaattaca tcagcgaagg agctgaatgt acgagatctt   60
gtgctttcta gcgacgaaat ccaagtacaa cgtgcagtac agtgtcaccg ccagaactgg   120
cctgtgcttg gaaaagaaag ctcaagaaag gacatggccc gtgtcnagaa aagggcttgc   180
ctcttcttac cagtgatcag gtcaagggga tatctccagg acaaagcaca tcgatgttga   240
cggcattcgt ctggaaaaag gtgacctcnt tgtgcgccga ngcgtctagg aagacgaatc   300
ctcnaagaac ttcgagacta acacngatag tgaggtgctc actatccttg atacaga   357

<210> 1364
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1364
attcgtgcct gtacactcgt ccttctcctg cgcgtttctt tttgagcctc attatcgatc   60
gataaagggc aacgacatac cgaatctcaa ggctcaggaa cgaaatatat tctttatcaa   120
cagaacaccg ccatgtctcg gcttactcga tccctccggc taccccggcc caagagcctc   180
tttggtatca ccagtctcca gaccggcaca gagcttattt cactggctct cgttttcaac   240
aagattaccg gtgtttacgg actcctcgcc atccttactg gatatcagct atctctcctc   300
caactctcga catacgttta ctccatcgcg gtcctggtag gacttgccat ccttactcct   360
catgttcgac gacaaagccc ctttgaatgc ctggccctcg catggcttta catcatcgat   420
accgttatca atgcagcata caccgcagct ttcggcctag actgggtact tctctactca   480
gcttaacgag acaatcgaat tcaagaanan agatctgcca aattttgtgg ctgaaggtat   540
gcaanggctg cgaaaagaag ntgccatgca tggaaagg   578

<210> 1365
<211> 334
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 1365
nacregactt gngtggagcc cccattcgan cgatacnctc atcagtgcta gttacgatat   60
gacggtgcgt ttgtggaatg acgggtcgat gcaacancaa caactaccac agggtccant   120

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```
gatggcacca tcaataggta ctcaggtggg cggtgatgaa ccgacatacc gagtttgtta      180
cgggagtcga ttggcgtctc tttgncatgg gtggatggnt ggctactgtt ggctggggat      240
gaanagagng ttattgtggg atgccnacat gctaatgggc cagngaatac nataacatca      300
anattcncct tgttanattg ncgttactng gagt                                  334


<210> 1366
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1366
gctcaacggg acagtgacaa tagcaatggc cgggtcgtcg gcgacctggc ctgtcaatcg       60
gactcgtacc tccaaactct cgagacaaaa gtaatttctt gcgaaaaggc tcctaagcgt      120
gcgcaaaagt caaaaaagca cgatgcacgc cacgaggagg ctgagtggtt aattgagtgt      180
tctgactcgg tacttttccc tgaaggcggc ggtcagccct gtgaccacgg aacaatcact      240
ttgctctcgg gcgacgacca agacccatt cccatcaaaa atgttcaacg agagggtctc       300
cggtgtgtca tccactcacc aaagcctatt tctcctggtg tggaggtccg ccaacaaatt      360
gcttggaccg tcgatgggat cacatgcagc agcatactgc cagcaccttt gnctgcctaa      420
tgatgaagaa tcacgagctc aagacgctgg ttggggaatg gtactgacgg aggcttaact      480
atgttgactt naaaggaagc cgcagatgan gagatgcagg tatncagata gctgtgcgga      540
aaagatcaga gactgtaatc aggtgagacg cagatacnca acatgcaant cctgggctnt      600
acaancttac gngtttgagg tatcatnt                                         628


<210> 1367
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 1367
ggaaagatgg acgaggcaga tcggaatccg aacttcgagt tcttaggcgg caacggngga       60
ggttttccct cgcccatatg cggagacttg gattttcccg ttccattaac agtattgttc      120
atatacttct gtcnaatgaa tcgttccatc gcggaatcgg cttcgtcaac gtcaacgggc      180
acaggcggct tgccatgttc agggttgtat aagttgttcg atgtaatatt tccaaccttc      240
ctcatgttct gttggttgtg taagctgaga gatactcacg tncgcaaatc tggtattatt      300
ctcgttactc acatcgactt gctcgttggt ccagctgtcc atactcaagg acttgacttt      360
ggaaatgtgc gtaccaagct ttcggnggat tgcagcacat ctcatacata anaaacgcc       420
gagctaataa cgaagttagt cagaagtcga tttccggnac gccatanaaa tgcttacact      480
ccatgatgcc catgctaaaa gatgacagtt cacgttanca aattccgaac gttctacagg      540
cggccccatg angaacttca ttgnatgtct qggggqacct ggattacncc catgacagtc      600
tgccacatat tattn                                                       615


<210> 1368
<211> 549
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G
```

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<400> 1368

```
gggaactcaa gaactcagca caagtctgct ccatgtcatt caagagggtg ccgtcttccc      60
tgcagcaatc attacgattg ctgctataaa tgacgctgat cattatctga tattcatttc     120
gtagcctaag tctccattgg catgccgtct gggtatcgcc ctccggatac ctcaaactca     180
tctgctatct tttccaaggt cttcatctcg tcttccgaaa gctggcagcg ttgagcattt     240
tcctctactc tggccgccgt ggttgctcct ggtgctggga ttatagtagg caatccgtcg     300
tggccattca gacctctcac ccagttaatt gcgagttgnc tggggtaata tccttctttt     360
cagccacagc cttgacctgc tcaacgagct tgaggttgtg ctggaaccct cgggttgga     420
aacgaagaaa cttgctggca attccttgac cctggaactc anagctgtta ttaaagcggc     480
cagnaaaaat ctgtttggtc gntagttgcg taaattttca gatgaagtnt atagatntnc     540
ttaccccccc                                                            549
```

<210> 1369
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 1369

```
tgcatctgtt agatctgact ttggcatcgc ttttctcgca tatactatac ttttgactca      60
gagtcttttc tcttcattcc tctcttcaat tgnccccttt tacgctactc gctganacaa     120
agcctctcct gtgccgtctc taggtccggt cacgaccccg ccaaaaactc ctatccccac     180
caaactcgac accgccatgg ctnaagaagg catcttcagt gccaacctcc tctcttctga     240
ggtcaaggcc gctcttcctg agggttacac tctacgcgct ttgcgcaagt ccgacttcaa     300
caagcggttt cctcgactgc ttacgcgtct tgaccacggt cggtgatatt accgaggccg     360
acttcgttaa acagtacnat gacatggctg ttgctggcag ctactacatt attatcattg     420
aggacacctc gcgcaaagan aatcctgtcg cagaactggt gctttgatca ctgagcgcaa     480
gttcatccac ttntnttggc gccgcngcca catngaggat atcnctgccc aaaangacca     540
acagggcnaa naagctcggt cttncaaata ttcaaaccgc tcgancacat tgccnaacan     600
ggtcggntgc tanaaaat                                                   618
```

<210> 1370
<211> 501
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

<400> 1370

```
gacaaagtgg tttacatgaa aagcttatta attgctcccc aaatcccgtg gcttctttta      60
gacttcttcc ctcccaaact cttagtggtt gtgcaccctg ttatgtccct ttagtaaatc     120
tccttcattg actattcacc cgcttactca cccttgagct tgtnctgctt aacagtgaaa     130
gccatcttga ggaagtcctt ctactncttg gtgtggacgt tcttnanacc ggtggcaaca     240
gaggcactgg ggtttcggcc agcgtacatg acgtgcttgc ggntgtggtg ctcantgttg     300
ttgagcaaag tctcgatacg gggctgagtg aagcttcaag cacggcgtga aaggttcctc     360
tngnaccaga ccatggcttg ncgttggggt aaatgtcgag gttctcctng agttgtgcca     420
agggaaggig ttccatcgac gnngccgtaa cgtctgccac ggttncgact ccgtcngaac     480
gncataaga gattgcctat g                                                501
```

<210> 1371
<211> 531
<212> DNA
```

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 1371
caaaaaatca accacattct tcgccattgt tatctctgcc agaatgcggt cacttttgag   60
ccttgtgctc tttctcttcg ccgcgctggt ttcggccgtg agcacagctg gtaaccgtat   120
gctggttgtg ctggacagcc caaaagacaa ggagcctaca caaccttttt ccgcgacttg   180
tctgagcgag gatacgagat cacgtatgaa tcaccaaaga ccgaaagcct agctttgttc   240
cttcacggag agaggactta tgatcatctc gtcttcctcc ccaccaagat taaggtctt   300
ggacccaatc tgactcccag ctcattgtcg aattcatcaa tgccggcggt nacatctcgt   360
taccatgttc tccaccacgt cgtgcctcca ctatcgatgc cgtcctcatg ganctcgaca   420
ttatctcccc naggaacnca ccggcaagtg tnacacttcc ttcaanacat tcnccgccaa   480
gaaangaaat ctcttnncaa gccccncacc ccncccgcg aaaagaaact t   531

<210> 1372
<211> 995
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(995)
<223> n = A,T,C or G

<400> 1372
acgtaccaac cacttacgtc cggccactct ttttattctt gctcccccca cgacgtcaca   60
ccccacatca cacctccatt acctaaccaa ccttcctcat cttgacaata ttcacaacct   120
cacatctctt tgggataaaa ggttattgtc acttctcttt gtctccacgt cacgatcttg   180
ctctactgca aacgtgatcc cactctctag cacagcaaga aaagaacttg gtgcagacac   240
cctaatcaac caggtcacaa gaaagaactg aaacacgttc ctttccctct tcgctcctcg   300
cgcgcaatcg atatcaacga cgaccggaac gaagcgatcc ccgccgacag ccgtcatcgt   360
cacatcagat tcgttgcgct gttgtagaca acaataaaag aaaagaaaga aagaaaaaaa   420
aacacgctgc tggggaagtg aaagaagctc gtggccttcc aatacctaat tctttggccg   480
atatcttgga gtatcgccta ccaaaaaaaa aatcgaccgc ctttatttcg gtttttatacc   540
ggtctgcatc gaatctattc attcgacgct ttnccgganc aatctattca atggntgggt   600
cangtttctt tgtnngggga cacattcnct tgntttnctc tcccctattg atctgttcag   660
cgattgttca taaccgttga cacttctcga taccgactcc aatcatggaa ggcatccaga   720
ttaccgtc caacgcggcg caagccaagg cctttactgc gcctggatcg ctgtcgttcc   780
ccggagccac gaacgagctc acaccgccgc ctgtcggcaa cagcgatgct caacaacctg   840
ctcctaatgg gtcagcaggc gggcaaatgg caacggggty gcaccgcaa cgcctgtcgc   900
gacgcctgct gttcttaagg accccagtgg aatcactccc actctacaaa acatcgnggc   960
tacagagaac cttgactgcc ggttggacct naaaa   995

<210> 1373
<211> 528
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 1373
ccacaacttt ccaactattt cgctgcctga acccaacagt cattgcgaca cttgaattcc   60
accactcttg acagcacact taccgcctcc acaacaacca tcaccgtcaa catgcgcagc   120

```
aaattcaagg acgagcaccc tttcgagaag cgcaaggctg aggccgagcg catccgacag      180
aaatacgctg accgtattcc ggtatgtaac ttttaaaaat aacatcttct ctgctttttg      240
ggcggaacag ccgctttcac tcgacaacga caacgacaac gacagactgg ggggttccgc      300
cagttaccga ccgcctcctc tnttcatntt tccgcaccct acaatccgtt acattttacg      360
aataggttat ctgcgagaag tcgaaaaaag cgatatcgcg accatcgaca agaanaagtc      420
ctggttctgc cgatctgacc gtgggcagtt cgtntcgtna ttcgaagcga atnaagctnt      480
ccccgagaag gtttnttatt tttgtcgaga ngttnttccc cacagtgn                   528
```

<210> 1374
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 1374
```
cttccatggt tgataaacac ggtgcatcac aagatactat ggaaaaaatt tcaaagttca       60
ccactttgt ttcttggaat ctgcgttggc aggttttcat gcatgccgac tctcatccac       120
ccgcgaagct ttgggtcata cagacattat taattctcga ggtgtatgag aagatgaacg      180
caagccgggt tcttcacgag tgtgctcata tctacttccc tacaacactg tctctcatgc      240
gcagaggaag tgccctgaca gggaagcagt cctcgtatgt gtccagagtt ccaacccctc      300
tgggtagccc caaaatggga tcatccagaa tgtttcctgg atcgaatcgg ccgggcttta      360
actcgtcccc tganaaatgg tgggaccact gggttgcgca ggaagctctc gacgaagctg      420
ctttagctgc atttatcatc gacgctacgc atgcgggttt atttggacat cccccacact      480
tgtgattcac gaaatcaaac tgccacttct tgggacaaca ctctgnggcc tctgattccc      540
atcaaaaatt gggtgtgtcg agtcaagttt tatgccaacg gngtcacncc aataatt        597
```

<210> 1375
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 1375
```
attgactaca ttcccatctt caagtctttc ccatccttca ttgtttcctc acaacaattt       60
cgcaatggct tcttcanaac tcgctcaact tattccaccc gactcatggg attcgcatat      120
gcatattgtt gatgttgana actacgctct cgacccctca gtaacatacc gcccaacctc      180
gcactntctt gagcaggccc ttgactttga aactagcgng ggtctccnaa acatcgttct      240
tgttcagcca tctatttatg gcttgaataa ttcgtgtttg cttgatggtc tgcggactct      300
tggttctgag cgtggaaggg gagtcgttgc aatcgaccct aaagcctttg atgccgatga      360
gctccgcagg tggcatgagt tgggcgtgcg tggtgtgana ctcaacctgc agtcagttgg      420
ggcanaaatg gatgccgacn aattaaagca gcagttgaca ttgtatgccg atgctgtaan      480
accattgggt tgggtcgcca agtttacgtt cccatgaaaa tgatcgaaat cctcgagtnt      540
ttcatnccaa aactcaacat caagttctgg atcnaccatt gggacagccc cctgaaaaac      600
aacagg                                                                606
```

<210> 1376
<211> 527
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(527)
<223> n = A,T,C or G

<400> 1376
cgagattgag tcatgccctc caaactactg acctttctgt aaccggaatt actattacct   60
ctattctcct ccaatacaca acattcttcg cctttggcgg ctcaaacgcc attagctctg   120
tcgacctttc aagcgcatac aacggcatca gtggtttcaa cttctttgct gttgggtttc   180
tcaccctcgt cagcaactgg gccgggccca tcttttggac ttctgctgcc aatctcctgc   240
tactccgcaa gtatcatgaa gggtcagcgc aatgcatttt ggcaatata ttaccttgca   300
nacctatcgt ctctgcggct gttgcgttgg tcatggcagc ttgcattcgt nnaaaagcac   360
tttcattgga cgtctctcac ccaatatctt acggttggcc ggaaccttag gtcacactgc   420
tgatcaatac ggntcggggg tctctttttg gtggatcccc actanntaaa taaacacaaa   480
gaaaggtact ccngtttaat ntttaaaaaa aacaaacaaa acctaac   527

<210> 1377
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1377
cagcgagcgc gtaccggtgc gcacacacaa gatgacagac ttgagaggta tcaccattac   60
cactggtata ctgccaagct ctgtcaagga taatctgaca aaggcggtcg agcgcattgg   120
agccaagctt gtggatggag tccgcattga tacgacgcat ttcgtcacaa ctgagggtcg   180
tggacagcaa tgggagaagc tgtcgagagt aacattcctg ttgtacgtcc cgaatgggta   240
gaggcttgtg aaaagggcgg ccgtattctg ggcgtcacaa agttctacct tgatgcaatg   300
aaacctggtc ccccagcaga ggagtctaca ccaccaccac caccacccga gaaggaggag   360
aagacttacc cgtgccgccc agtcagaacg gtgaatcggc ttcgagatca gaggagaagc   420
tggacgataa gataccggga gaaggaagag aatgaaaaga aggaaataga agaacccngg   480
gagaacggcg agaagaagaa ctcaagcgac agcagcagtg aagacganga cnatgtggaa   540
gtcgaacaga aggccatgaa atcnccgcaa gaag   574

<210> 1378
<211> 1053
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1053)
<223> n = A,T,C or G

<400> 1378
ggttaccacg ttgcccacaa ccccagcgtc acctcaactg ttgagcccac caccggccgt   60
gagctgaaca ttctcgacgt tcccaccgac tctcacaagt cttcatctcg ctcatcctct   120
tccaagtctt cctcaagtc ttcttcttcc tcctcaaagt cctcgtccaa gtcttcttcc   180
ttgcacaagt catcctcatc caagtcttct tccagcagca agagctcttc tcaatcctca   210
aaggacaagg agtctcgatc ctcgcgatcc tcgcgccaca gtccaagct ctccgtagac   300
atccccaagg gccggccctg tcaatctccc agatccaggc ccccaagccc atgtcttccc   360
acgcgaccaa gcacattttg gatgcttcct actacgacaa tggcgaactt gacgagcttg   420
ccgatcgtct cggcagcgcc aacattgagg acgagttcat caccgacttc agcacctcac   480
cagtctcctc cagcggttct tcctgtcct acgctccga cagctcttct ccaactcgt   540
ccctctctgg ctacagcaca cccggatccg acgtcagctc ttgcacttgc gagcgctacg   600
gtatcactcg caagggcgac cgtgtcaagc tcgactgcgg cggatctcga tgtggctttg   660
atgacagcga ctcctgctcc agcgacagcg aggacgagga tgagtacgag cctgtctctc   720
ccgccagctc ccgccgccac ggcgtcgttg cataaatgca ttggtgtaat gcgaagactt   780

```
tggcaagaag ttgagagaac ccttagccgt tcactccttg tatcgggcat cctatggcag      840
cacaccagcg ctgggatgac tcgacttatg ttgttgtggt aatatcagca atcatttttc      900
gttccgacct gcgtcacgta tttctgacnc ggatggcacc ccagctggtc tcggaatgtt      960
tcaaccgccc ggtacnttga tctcantagg tcangctgcg accgttganc catccacaat     1020
ggttctatct ggctgcgcaa cgttattctc tcc                                  1053


<210> 1379
<211> 358
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 1379
ngcccnttgt tggngggnct ttttgctngc cggngggngc ttntgttttt tgtcgaactc       60
nttttttcaac gtcgatggtg gccaacgagc catcaagtnc caganattga ctggtgtcag      120
caagganatc tatacgaagg aacacacatn aacatttctt gggtttgaga ctcctattgg      180
gtacgatgtc ccaaccaaaa cccacgcaac cgttgcgtnc ttgaccggga cccaaggact      240
ttgcagatgg gcaatattac ctggcgngng cttttaacgt tcccaaatng atgctttgcc      300
cagatctacc gaacacttng naaccganct ncgatgagcg nntgctggcc tttatttg       358


<210> 1380
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1380
aaagcaatgc ttgggtggtt ccgtcctttg gctggcaccc ctggttctca catcttcttt       50
atgatgactc ggccgacgtc ccgacatata ggcccacctc cggctccgac gccgacaccg      120
acaatgccgc aaagcaggcc cactacaacg ccgttctgca gccggaacct tcattggact      180
ttgtcgcctc cctaccaacc ccaatcgctg taagcacatt tctcaaggaa actgaatccc      240
gactatctgc caaccctcat gctctggtcg gtgagattgg cgttgacaag gcctttcgtc      300
ttcctgagcc atggaaccca tctgagcaag ctgaacgaga ttcaactctc actcccggag      360
gtcgcgaagg tcggtatctc agtcctcaca gagtaaggat agagcaccag cgtgctattc      420
tttgctgcac aactccgtct tgnttgccaa gactcgccga gctgtcagcg tcacngcgtg      480
caagctcatg gagtgcttna tgacactctt tgccgacaca tggnaaggnc attgagcgtg      540
aaagtgataa cacgccgaaa acggggtttg gtcgctaang gtgcttgagg acttttcgg      600
atgaagaaaa cgaanaaaaa tngcgaggaa gccttntctt cacg                      644


<210> 1381
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1381
gaggagagg actggatgcc aaacctgccg aaaaaggagg atcaaatgcg atgagacgcg       50
accagcttgc acaaaatgcg ttcagtccgg atggaaatgt gatggctacc caataaacgt      120
```

- 546 -

```
agtttcgaca atcactccgc acaaagagag acttccaagg ctgccgcctc ccattcccct      180
gttatccatc accagctact cgatcccctt caaagtccct gggagccaaa gagaccgtca      240
actgctccac tacttttgtg ttcaaggagc gtcggagatt tcggggtttc tcacctccga      300
cttctggtcc gagattgttc ttcgagagag tcatcaagac tcagcattac gacaagcact      360
tgttgccatg agttcactgc atttagatta catcacttta gattcagtga acagccaagc      420
tgcaagtgtt gagacattgg ataattatgg caaagccatt cgtacaataa ggaaganact      480
tgcccagcca tcgcctgata caaccaaagt tgcactcatt tgctgcatca tattttattg      540
ctgcganagt actctangaa atccnggttc agctcaacag catctaaaca                 590


<210> 1382
<211> 472
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 1382
tcgtggtaga tacgggcacc cgntgactng gcagntgaga agatgtcttg ccacagcnag       60
tatgatccag agaagccttc ttgntgggtg naacaatgcn natgcctcgn ttcagagcaa      120
gggggtacag ttcagcgaca tcttnagagc tggtnttgtc gacaagaacg tcttggcggg      180
ggctttggaa aggnactnga tgacctgatc gagagcgagc ggggccttgg tacgaggaac      240
tgagagtgtc aacgacgttc tcgaggttaa tgggagagta gtcgtcgttg tagatggcct      300
tgcggctcgt ggcaatgtag gcaaggttca gtttcgggga tggctttcga agcagcaagg      360
gactggagct ggtcgataaa ggccttgcca acacctccgg cgcctgttgt tgggacatta      420
gtttataaag ttgtgtattt ataagtttcg aatgtttcan ttnataaaaa aa             472


<210> 1383
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 1383
gcccgatact gacttcgtac ctcactctgt agctgagagt catagtacga taaagctcac       60
gtcgcaacct catttattct cacaaatata aaagcgatac ctcagcagct agctacaact      120
tnttttcct tcaanacaaa tctttntttt acgcatatac aggaattgac aagacgaaat      180
catccactca cttcaacaac acgatataga gcgcatacty gctcgccgtc aacatgtccg      240
ggcgacgcga cttnctcaac caggcagcgc ccganaacta cgtcgctggt ctcggtcgtg      300
gcgcgacagg tttcacnaca agatccgatc ttggtcccgc tagagatgga cccagngagg      360
atcagatcaa ggaggcgctc gcgaaacgag ctgctcagct tggtctcgcg ccaaacaaga      420
agggcaagga aaaggaggag gaggaanaaa aagatgaaga gcgatcccaa gatcccgata      480
acgaagtcng actttttgcc ggnggtgtct accacaangq acgaatgang aancccacaa      540
gattgggaa tgggtagata aaaaaaatgg ncccaaaaaa aaagccgccg agaagcccna      600
aaacengcec gggangqaca atncugaacc gaac                                  634


<210> 1384
<211> 677
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(677)
```

<400> 1384
caagttacag ctctctgcat ctctaattgt tttataggta cactggatgc tctgtagatc   60
agctctacac ccataatgtc cgaatcaaac tctcttctgg ccttcttcag ccagcaaagc   120
aacacgggcg gcatcattgt caaagagcaa cccaaactcg acctcgacct ctacatctcg   180
aactacaccg gtcgaacgag aatcgatcgt ctcatacaaa tcggaaagtc atcagtgccg   240
ctatgcatcg atgcgctcaa gctcgccata gccgaagcaa agaaaggctc ggatgtatcg   300
caatacggcg aagcttggaa ttgtctccgt actgcggcac ctcaagagcc agaagctcaa   360
ctcgaaacag aatgggtcga tcgaattgaa cgtgagaaca aaagccgaga acgcacgtct   420
cgaatctcaa cttaagcagt accgccccaa cttngaccaa agaaagcatt cgaatgggca   480
acgaaaactt ggggcagcat tttgagaaaa acagggnaat ctggaagcgg cagccgaagc   540
gtacaatcgc atgcgacagg gactcacaac caccaagcat attatcgatg nggatacact   600
tgtcatgtta catcgccggc ntgatggnca tggactaaaa acctgggaga natcgggtta   660
nacggctaaa ggaccaa   677

<210> 1385
<211> 673
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

<400> 1385
cgaagccctc gagcagtggc gccgcgacgg aacaggtccc tggacaaagt ttgcctgtga   60
gttgggtatt ggctggttca agcttgacaa gcttgtccag tcggaagagt tcaaggcgct   120
tcctgctcag gaacagacct atctcatgaa aggaaactgt gcctcattat gagattctga   180
cacactttcc tattcattgg tttattcctc agttcccgga tgataacctc aactactctt   240
gcattctcgt gttttactat aacgcgcaga gtcaaggtga agtaacactc cagtcatccg   300
atcccaacgt ccctctcaag ttcgacccca agttcttatc ttcacctttc gatcgtcgcg   360
tagccattga gtctctccgc gatgcattcc gtctcgtcaa gcatgagaac tacgtcaaga   420
acaacgtcga caccatggtc ggtccccagg gtgattcaga cgaagagctt cttgcgcatt   480
ggagagcgaa catctcttct agctggcaca tgtgcgggac gaccaagatg ggaaagaagg   540
atgaccctga ggctgtgggt tgataagtga ctccaagggt atcggtttcg aaggaattgc   600
gtgttggcgg atatgggtgt tgtgcctggt ttnggctaat tggcatattc aagctggtgc   660
ttatgtgaca ggg   673

<210> 1386
<211> 519
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 1386
ctcattggcg cattcatcgt tgacccccтc aatcattact tcggtcgtcg aggtgaaaat   60
cttcattacc gcatgctgtc ttactgccaa gcctatcgcc tccggcttca ccactcatgg   120
caaacacttt tcgccgtgcg cttcgtcatg gggaattggt attggtgcca aaaacgctac   180
cgtccctatc tactcagctg agatgctccc gcacgcattc gtggtgccct cgtcatgttc   240
tggcagctgt gggtgtcgt cggaatcttc atcggcttct gtgccaatgt catcgtcaag   300
gaactggccg aatcgcgtgg cgtctgcagc tcggctctgc ctttatcccc tccttccttc   360
tcggtcttgg tatctggttc tgtccaaaat ccctcnttgg ntcatgaaca cngcaagcat   420
gccaagggtt tccgatcatn caaaaactgc aacgcccnan attatcgccc gaagganttt   480
actattctgg gttnctacaa gaagaataat gtncaaggg   519

<210> 1387
<211> 581
<212> DNA
<213> Fusarium venenatum

<400> 1387
cgcaagtaca agcagagccg cgatatcggc gtttcccttg agctacttac gggtgccgca   60
gctggtgggc cttgctggtg ttatcacctg tcctctcgaa cgttgtcaag acacggcttc   120
agacacagat cagcgcaccc gcagaaaccc gggcgaacaa ggaccacatg ccacatcaca   180
aatccggcat atctctacct catctcccag cacgcaccgg ccacgaccgg cgctattgct   240
ctcgacactt cttccgtctt taccggcttg cgcatgattt accgtacaga aggcattgca   300
ggatggttcc gcggcgtcgg tcctcgcggt gtatggacct ttatccagag cggctgcatg   360
ctgttcctgt accaacgact tctccggcag ctcgaagttt tcattcccag cgagctcaag   420
gaaatgtaga aatctccaca catacttcac atacactttt tttctcgccc ttgtcactac   480
ttgatgattt tgaaccctcc ttttttatgc gccgtttctg ccaccaccca tccctgtata   540
acgtattaga gaatcggacc tatgatatga atagcaatgg c   541

<210> 1388
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 1388
gcaccatcca caataccgac tcgactcaac tcaactcggt tagatacgct cagagaagca   60
tttagtttct tttgcgagtc tgttttcgtg ttttcggcct gttagcatac taccgaggtt   120
accttgttca ctcacctcta cttttacgtg acgcttcact aacagcgtct cctctcccat   180
caactttgtt gttctgcaaa acaccgtcac tcgggctttc tcactcattt gancgctgca   240
aacgtctcga accctctttg ccaccgttca ttatggcttc ccacgctagc gctccgcaga   300
ttacggtcct gggttctctc aatatggatc tcgtctccta tgtcccacac catcccctac   360
ccggtgaaaa ctcacttcat cccatttcaa cacttcgccc ggcggnaaaa gngccaacca   420
agctgtagca tgcggcaagc tgtccgggat tctgaactga acagcccttc agccaacgtc   480
tccatggtgg gngccgttgg tgctgatcct acggaactct cctccttgan agtcttcgct   540
cttttggggt ttctgttgan nccgttagtg ctcgtcagga cagaaat   587

<210> 1389
<211> 936
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(936)
<223> n = A,T,C or G

<400> 1389
cttgtggcta cggccaacga ccagattgca tctatcgacg acaacgaaga cgagggtcgc   60
ctggcttatc tctccagttt ccgtcgtctg gttgagcagc atgtctcgcc tgcatacctc   120
gaacgtatcg attctgaggt caatatgttg cgtgacggct acgtcgactt cagtacgtgg   180
tgtatcaccc gcttcgcaca gctcgtcttc actgtcgact tcggcacagt catgcctgac   240
ttttcacac ccggtggta cacaagtaat gctatgaaa agatggtggt gncatttgaa   300
gagtacgtca acgactatcg ccaggtactg caccactcc ttgtggacat ctttattgag   360
atctttgctg aggagctgct tgttcggtac ttatccgccg tgcgaaacaa gggtgcaaag   420
ttccgtcgca ccgacccctt tcaggacaaa gctgttcaac gacatctcta ctgcatttga   480
gtgctttagc actctggcat caccccgatg tcggtgcatt catcaaggaa acctggcgtg   540

```
tcacagagca cttttctgcg cctactattc ggcagaaccg tgatgccatc gnttgacgct      600
ttacgtaacc ttcaagacgg cttactggga tctgagcgtt caatgggtcg aggttgtatt      660
aaggtcgaga gatgatttcg agangtccat gatagcaagc ggtcaagaag gaggctgcca      720
atatcgatat cgaacgtgga cccggagacc atcatgagta gaagtcaagt acaaattgga      780
cgagtcatga attanggttg cacaaaaaaa gaggaagggc attgcnggna aattgnatga      840
naggcattat ttatgctcct taacgacaat gatattnaac ttggtattta gcctactggt      900
ggcantcgtt gggcttactt tggctgagca taaaaac                               936
```

<210> 1390
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 1390
```
gcgatcattg ctaacaagtg ctaggtttac caaaaggttc ttcttgttta tgggacaatt       60
ggaaaccccg ccgaacatgt tctcgacgga actctcaacg tttgtcggct cgacnataac      120
tttcccgcga tcagctggcc cgtctgcaac tctcacttna aggcattggt ttacttgcaa      180
ccaggaccaa acaagttgcg cttcgagttt tcgagtccca aactacccaa tagtaacagc      240
tcgaacccga ttcacgcctc ctaccttacc gttcatatgc tcccagtcaa caattctccg      300
ccgctgcagc ttgctatact agttgccaag gattcgccag agacattcga tgcgtcnccc      360
gccgggccna aaaggagggc aatggactgg agactgccgt gaanaanttc aggatggcgg      420
cgtacctgtg gcaaagcatt cacctcggaa cagatgtggc ggaacaaact tggacngcgc      480
gcattcngtt ttgatnaaaa atggacaaca ngtccgccaa ctntngtgac cgananaatg      540
gcncntgcgt tccnaancca gggttat                                          567
```

<210> 1391
<211> 542
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 1391
```
ccntctcaag cccacaaagc ctatcatccc cgtccctcct cctgtctaca caactgaggt       60
tctcactgcc atcaccacct actgccctga gcctaccact cttactcacg gcaacaagac      120
ctacaccgtt actgagccca ccaccctcac catcaccgac tgcccttgca cagtcaccaa      190
gcctnagact gagcactacc ctcagcccac ccctggcaag cccggacacc ccggcaagcc      240
tgaggttccc gctcctcacc ccactgctcc cgctcccgga aagcctgagt accccccagcc      300
cggccacccn gaggctccta anaccaccgg ccccgtcccc gtccccgtna accntaccgg      360
gnactactnt tcttctgagg gtaccagccc tgccgtcgtc actggtgctg ccggccgnat      420
cgccctgnt ggtctcctgg cctttattgg cgccattggt ttnttntaag ctattctacc      480
acatgcttgg cacggatatt tatttngga tagganataa ggngacanaa aaggggggg      540
aa                                                                    542
```

<210> 1392
<211> 609
<212> DNA
<213> Fusarium venenatum

<400> 1392
```
agccattcga ggtagcaaag accttgttgc aagtccggaa tcaggatgaa aatgctatat       60
ttggacttcc cgcagagcca gagacccta agaagccggt cactccacct agaagctcta      120
```

```
tgtatgattt tagagactcg gactctgagg gcgaagagcc taattacttc tcatcaaaca    180
tcccctcaac tcctcacgaa tctccatggg gttcaagctc tcaacgagat ccatcgcctg    240
tgaagaaacc agctatccca gaacactttc ttcaactccg acgcccagat tcgattctcg    300
aggtgatcgg tcagctatgg tcgaaagagg gtgcctgggg agtgtggaag ggttcaaatg    360
ccacattcct gtacacagtg ttgcagtcgt tgctggaaaa ctggggtcga agcttcctca    420
gtgcaatttt taatgtccca gacatgggtg ttagagaaga cattgatcgc atgatcgaca    480
ttgcttcgcc ttacccttgg gcatctcttt ttggtgctgc tgctgcagct gtggccacag    540
gacttgcctg tcgcattgga cttggtccga actagactta ttgtcacccc gagctcaaac    600
gggcagcgc                                                            609


<210> 1393
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 1393
gaaatttagt gatagtataa gatcaatcgt gtcctgcgac tctntttggg aactttgntg     60
ttcatataag tatattcttc tctcanggt atcttaagac cgtctctata caatcacatc    120
taatatagat atacaatggc gacaattcga catgcccgcc gggaggacgc tcccataatc    180
cttcagctca tccaggagct tgccgattac gagaaggagc cagatgccaa caaggccacc    240
attgagaccc tacaggccac aattgccttc gcgccatccg actcccccga cgccgacgcc    300
tttgtngtcc ccaccaccga acccatctcg ccaacaaagc ccgcagatgc ctttttcttat    360
ttcccccgaa ggtgaagccg cggtatggca ctgtnctttt acaactacag cacatggngc    420
tcgcgcgcag gcatttatnt ngaggacctg tacgtccggg aatnaaagcg cggnaaggga    480
taccgcaaga aattgttgan cacattggcc aaacaggtca ttgccatgga tggagttcng    540
ctcgactggg tagtcctcaa gggggnacga acctacatca agttntntga aaacatcggg    600
gcctacctat n                                                         611


<210> 1394
<211> 431
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 1394
ctttcatctc ctttcccttc cgacatcatc tcaacccttg ggcgcgcact cctttttccat     50
caaaaagaag ccaatctcgt aactacgaga tattctattg cgtttcccac cactctatcc    120
tttctaataa tcccttttcc cccttcccag acggttccat tccattcggc tccgtcttca    180
tcctcttctc tacaataatg tctggctacg acggcggata cagcggcggt ggtggccgcg    240
gaagtggcgg cggctacagt ggtggtggtt acggccgtga tcgcggtggt gatcgtggtg    300
gtgaccgaa cggtggtttc ggangccgaa acaacggaaa tggctacgga agaagaagtg    360
gtggttatgg cggtggcggc tacngcggcg gtggtggtgg ttacngaagt ggttttggaa    420
gtggtgctgg c                                                         431


<210> 1395
<211> 504
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

<222> (1)...(504)
<223> n = A,T,C or G

<400> 1395
ctggacacca gcacgacctc cacctgcggg actggtcaac tccaatatgg tcgtcgcatt   60
gcacttccac ggtggaggct acgttatcgg gaatggtcgt gacnaagata ctggattcct   120
ggcgaaaact cttgtgagat atatgggctg ttctcatgtt tgtacaccac aataccgcct   180
ctcgagtagc aacaacggac agtttccagc ccctcttcag gatgccctca cggcttatct   240
tgatctgatc aagancaaag gcattcctgc cagtcaaatc attctctcag gcgattcggc   300
tggggccaac ctggcactgg cattggtacg atacattcac gaacacggac aagttgacga   360
catcccactc cccaaaagcn atggctcttt gggtcacctt gggtanacnt cgcanctgct   420
ttggaacagg acttcaagca gtcacccaac tacnaaacna atatctgaac atntctttgc   480
cgcnctgggg tgcaactacc gtcc   504

<210> 1396
<211> 564
<212> DNA
<213> Fusarium venenatum

<400> 1396
tgcttgcgtt ccgtatcgcc gcacttgtcc cggcctaacc cagactcaac agcctctggc   60
cctcgtccaa atcccatctc cacgacatac tatactttct ttatcgacca tttcgagcac   120
ccgggtcttg ttccggcaga tgcggaccca cgactgtgaa agcccgctga gcattcttat   180
ccccaccgtc ttatcaactg cctatctcgc gacaccactc ctccaaactc gacatcaata   240
ccaacaacgt cgtatcggcc attcataatt attcatgtcg aattcaccag aaaacggacc   300
tgccaccagc ggtcataaac gtcctcgaag cgatgatgcc gatggagacg acgccgtacc   360
tcaacaggac attcccgaca atgccagcgt tcccaagcca aagcgactgg cctgtatgat   420
atgtcggaaa cgcaagctca agtgtgatgg tgtgcgaccc agttgtagta cctgttcacg   480
tctcggtcat acttgcgcct acgatgaaca gcggagaaaa gagcggcctt aagcgtggct   540
acgtgaaggc cttcgaggag cggg   564

<210> 1397
<211> 498
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 1397
gaaaaaggct cgttctgtag caatctcaat ctnaaagcac ccgttgccga cgtccagtcc   60
atcaaaccga acctacctcc cgcgataccc acgaaatccg tcatcatgtc ttggctcggt   120
gttcaacccc tcaagaagtt caacgctcct ttcttgaagc cttactggcc tttcttcgct   180
gccggtgttg tcattgccta cggtgtcaac tccgcccaga cgccatgat gaactccgcc   240
gagttcaaga acgaccccg caaccctaac gccaaaactg gtggccacta agatgttggg   300
aataggaaaa gggatttcgt ccaagccggc aagcataatt gatccgctcg aacgcgaggg   360
tagggcccat gagatggaat tgtatcatag aatcgcaaaa ggggcttaat tgacctacac   420
aacgatctgt acgacttgcc cacggatgca attggcagca acgaatacgc tcaaaagtcc   480
ggatgttcga atgctgag   498

<210> 1398
<211> 405
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(405)

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<223> n = A,T,C or G

<400> 1398
caggattgcg gcatcaaagt gtcgccagaa gaagaaggaa tgggtcngca acctcgaaga   60
cactcgatac ggcttggagc atgagaacaa cattctgcac aagcagtaca atggtcttgt   120
ggacgaactg agcaccgtcn agaatcaact gatgatgcac gcttcctgca atgacgccaa   180
catcaaccag tggctggaca atgaggcgaa gaatttgtcc agcgtatcgc ctcncnaaac   240
aaggctcaga ctccaccgca taagaacact ggtgattgct gcgataaaca tcgtcgtanc   300
tcaagtgttg cacttccntc cctcgatcga tagaatccga gatcaacttc gaccacatgc   360
cggatagtat gatctattcn agaccttaga atgaaagatg gtggc   405

<210> 1399
<211> 650
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 1399
cgagtccagc cccgaataca cttattatcg ggtcaaggag ccgttaattg ctttcatcga   60
cgctctatcc gatttcactc ctcaattcct cccacccaat gagacccagc ctaccaagtc   120
tctcgaattc ttgaacgagg ctaccgattt tatccatagg ctgcctaact gggaacctca   180
agcatatcga catcacaagg agaccgcata tgaagagata tccaaggcct gggcgctcgt   240
tatcaacgag gcaggcaaga aagctggggg cctcaacctg cactctggag gatgggacca   300
gattctgtct cgacacaatg aacaatctgg cggccgtctc tccactgcta tccacgccat   360
gtccatgagt gttggatgga tgggttctaa cgcaaatact gggtctggca gtgcctcaga   420
ctccatatta aaccaattga tgtcagggtc atatggagct ccagttagag ttggaccctg   480
gtaaggcacg ggctggtcac tgaagccttt tcgagantat gantgcatac tqnggggcac   540
cggacgagtc aacttcgcac atataacgac cggattcatc atggacgact tttcatttgg   600
tagcataagt ggnatagact tgaggcgcct ttttttcctt cttgggnggn   650

<210> 1400
<211> 392
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 1400
tgcctacaaa taaaatcata tacaatggac gctgctcaaa caacaatctc ctcgcctgtg   60
agcgctgccg caaacgttgc gtccacttcc accacagcca ccaacaagcc caagccctgc   120
tgtgtgtgca aggacnaaaa ggccaagcgc gatgagtgca tgctcttctc caacgcaaaa   180
gacctgccg ccgactgcaa gtctatgatc gaccagtacc gatcctgcat gtcgggcttt   240
ggattccagg tttaaacang gcaaaaaagg cgacgactat cgatgacnaa atgattcctt   300
tggtcacaat tacggaccgt gtacaacatt agacggtata atgtanaata acgggcaatc   360
catgcatttt cctctcccca aaaaaaaaaa an   392

<210> 1401
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(605)
<223> n = A,T,C or G

<400> 1401
cgccactgga gatcttgctt taatcctcat tttctgcgag tgatataaac aaggaggaaa   60
ccctcattca tttttccaa caattttgca ttcaccaact taaccttcat tttttcccat   120
caaaggaata tcagcctctt ttccaacacc aaagaaaaaa aaagtttctt actccaccac   180
cacacgcgag cgacttctat ctctcacgcg accgtcacaa tgaaggtctt cagcaacagc   240
gttacctaca actactcctg ggacgaggtg tccacagcca actggacaaa gtacggcccc   300
tggaacaaca agtctgagca tgttatcgnc gtcgacacac tcttccgcga agtcgacccc   360
gcgacaggta tcttccgacc gagcgtctga tcacatgcag caaaccgtcc cgatggatca   420
agatttatc ggcggaccgg anatgagagc tcatgtncga agccagtacc tngacctgta   480
acaagaccnt acctggtnag cagacttggc tggcaacct gtaacgtcaa nggaagtgct   540
ttaagctttg ggacttaaac cagtantcca aagccaaatt attgtttgcg gggtgnaaca   600
attaa   605

<210> 1402
<211> 515
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 1402
ggtatggata tcaccttgcc ggtgagggcg gtggtatcaa agtgactcaa ttgcaagtcg   60
gtgctcaaat caaccccaac ccctttgtcg agacgaccct cagctatgcg ctcacctaca   120
tcgatcgctt tgctgggcat cgtcccaatc acagcttggc atctgcccgt ctcatcatcc   180
ttgcagataa tgactattac tctcactcgg aatccgacac gactcgttca agtcgtttcg   240
ctaagttccc cgtgactctg ggcaatgcca acaagactgg gtcttggctc ttccgctgct   300
cttgtcacct cactaaccgc ctcgctccct tgttcaatat ctaaccgang gtctccttaa   360
caatgatccg acaaagggaa agagaacact gcataactta actcaanggc tgccactgcg   420
ctggccaagg taaaggttgg tcaaggtttt gatggttgca acggtgtcta agggtnnttc   480
aagtaaaagg ggctntctcc nggcaagctg nacaa   515

<210> 1403
<211> 1161
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1161)
<223> n = A,T,C or G

<400> 1403
agcgacccc ctccaaaaac cacaagaaga gatcaaagcc ggccgatcta ccaacaaatg   60
gccaccttag ccccaagag aatgggaaac ataaccatcc cgccgaccaa catcctccgc   120
ctaaagggg gaaacaccgt tcttcacaat ccgtcagctc ccaagcccc aaacggagcc   180
cttcttacgg aagtggccga ccaaatactg tccatcctcc aagccctgct accaccccac   240
cagacctccc cgaagatttt caaattcacc agtactccca agggtttac aacttgtaca   300
atgcaagana tgtcccgac tgcacaaca atgccttcgc tagcctcgt attccacagg   350
gttatctcgc tggcttcgcg accccaatac gatgaggagt gaagttggca gacgccattc   420
ggatgtttt caaaaatcat ctaacaatct ggaagctaat aacccaaac ttgaagtcgg   430
tgataccacg agaacactgg atgacggcga ggctctcaga tggaggtttc tgaaatccag   540
cacaccaatt gaaaaggacg tgcctctagt ggaactgaat ggtgcaatcg gtttccaaaa   600
agactattgc gctgacccag caaatctctg ggctgacctc tcttctcctc tcccttttgt   660
tttctttcac cctgtccttc cgttgtatat cgacacacga caagaangtt ctttagctcg   720

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ttacgtacgc aggagttgca aacccaatgc ccaactagac acatatctttt ccgacgagag    780
cgaatacact tctggatcgt cagtgatang cacatatccg ccaacganca aattacctac    840
cctgggactt tcgcttagan aaaaatgtgg atgctcgctg gcttcatctt cttggtttga    900
gcgacgacga ttcctctagc cacacagaaa tgcccgtgga tgacacagag tatatggcga    960
tatcgaattg gatgagccgg atcctctcaa aatatggggg ntgtgcgtgc gacctggata   1020
acaactgtgc gttcgcacgc tttcatcgcc agtatnttta tttgaaacaa caagtgcgtg   1080
gccccgccaa aaaaaaacaa agaaagtncc aaacacangc tnttttcccc accaattcca   1140
gganaaaact gttcttaccc a                                             1161


<210> 1404
<211> 771
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G


<400> 1404
aatcaagtcc aaacttanaa acagaccnct aagccntttt ctntcctnta atcgccggta     60
acagcctcca gaatttccat aacctcctcc gtcttcgtga tcttataagc attggtcttg    120
atccagatgt cgttcaagct attcgcagca agaccgggga gatgatcaga cgttattccg    180
acatccttca acgacctcgg catgcccaac tccctaatga tcaagccgag aatgtcggcc    240
aaatcatatt ctttatctac cattttcagt ccattcatga gtgactttac gggttcctgc    300
ttcaaaagga tatccagcgt acgcttctgc tggtctttgt tgactccctt gtcggcgttg    360
aaattgcaca ctgctggaag catgatgcaa ctcgtctcgc catgcccgac acctaaagga    420
ccaagctgat gaccgatagc atggctcgca cccaggggta cgccagtgga tactgcgtgc    480
atggcttcta caacacctgt ctgacaaaga tggcgagcat ccagatcctg cgggtcatgt    540
ttgcatcgca gcagcccggg tatcaactgt tccagcccat gtgccgctgc ttcgtcacca    600
tctttggtgc tttgcaatga acacaaaagt ctcaacacaa tggtccacaa gctctaatgc    660
cagtactgag ccagatcttc tgtgggggtg tagtagttaa ttggggatcc tgaatgacaa    720
agtccgggtc gactttgggc tcgaacgtga acttggnctt gttttcttgt c            771


<210> 1405
<211> 365
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G


<400> 1405
nctgacatcg acgtaatcgt ggnatgtgat natctccttc tcantatcga tctgagcgtt     60
gatctgggga accntctggg cagccntggt ggtggccttg gtgaaagcac ccatgtaacc    120
catacgcacn ccntgctcct cggcgacttc ctccttgtac ttggctctcc aggcgatcag    180
gttggtcatg tcgacttctt ggatngtggt ganggaggcc agtgttctgg gatgcttgag    240
cggggggcaat ggttcgtcca tncggacatg tctcctgcca naccggtcag tcntgcatac    300
aantactgnc atgaatatta cantcgctcc ctcggttggg cacttncctg gcggacagag    360
gcttg                                                               365


<210> 1406
<211> 433
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
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<222> (1)...(433)
<223> n = A,T,C or G

<400> 1406
cgatctggta gcttcgtcat agggttacgc acccctgtgg attgttggct tggaaagcac   60
agacaccgag gaaccgtaac agcagttaca atgtcaggta actggagata caaagaatac   120
gactgggtag caggacccgg tgactatgtc gtcgagaacc ccggcacgat ccatacactg   180
tttatgggag ctgggtctga ggtgattttc accatcacgg gcagtcttga attcttcaac   240
gatgatgata gtttgaagga gacaatggat attttcagtt tcgcgcagtt gtattacgat   300
cactgcgagg aaaagggtgt tgaacccaac aagggtctgt ggtattagan gatcaagatc   360
agcgcgttca ttcaatttta tcactttcgc tcgataattt tctatagctg aaatgcgtcg   420
tatttaactg ctc   433

<210> 1407
<211> 376
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 1407
ncccngccc atttgtatna aacttcacct cgcttgtact gaaatggcac gaactcaacg   60
ccaaccgtac cgtgtatatt catgagcttc acaagagata cggcccagtg gtccgtgttg   120
cgcctaacga agtctntttt accgtcaatc gctgcatcaa aganatttat ggctccggtg   180
gcagtggata tgacaagacg gaattctaca atctctttca ggtctatggc aagcggtagg   240
aatgctatta catgttgata cactagttat gctgactctg ataacatan aaccatgttc   300
tcaccttggt taaaggcgac cacncaaagc gacggaaaat gattggcgat cggtatgcca   360
acagtaacgt gatgaa   376

<210> 1408
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1408
ccgcaggaat tttttttttt tttttttttt tttttgaag aaaacaccat acattacgcc   60
atgacacaat aaatatccta caactttgtc acagtctcgt cggcaccagc ttctttagcc   120
aatgcccagg caaactcagc caaagatccc ctcgtctcag catgctgtct cgcttttca   180
ctgctcgctt gtctaagcgc ataacgcgct gcaatgccct gacacacacc cgccagcttc   240
cagatgctaa acgacatgcc ccacggcacc tccggccgag cgtcgtagcc actttcctct   300
gcgtnccact ccagaatctt ctccggctgt ggaagaacat cagttttgcc ggggangaat   360
ctgatgcat cgtatggagt tgcaccaagg ggatttggcc gaataaaatt ggtgaagaaa   420
ttgcagatat cngaaaaggg atggccgatg gtagacattc ccaatccaat atccaatcac   480
tctangctcc gtcttgtgaa acaccaagtt atcaatcttg ttatcacctg ganaaccttg   540
ccggtcctg ggntgcatcg ccatcttaaa aaacgaaatc cctccaaa   588

<210> 1409
<211> 762
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

<400> 1409
ggagatcgtt ggcgagcgtg agaaccaggt cactgaggtt gtggatgttc ctattgagaa   60
ccatcgctcc ctcattggtc gcggtggcga cactaagcgt cagcttgagg ccaagttcac   120
cgtctccatc gatgtccctc gacagggtga tggcaagacc ggtgtcaagc tgactggccg   180
acccgagaac gtggcgaagg ccaaggagca catccagggg cttgttcagc agcaacaggg   240
cgagaccatc aggttctcgc aacctccacc actccatctt caacggtggn caagttcttt   300
cgtcagcttc gaaacaacta ctctgttnct gttgaccacg cttgntcaaa cttttccgcc   360
aagcctgact ttntactcgt tncaacgtcg gagctctgcc tctgatcact gacgatgacg   420
atgccagctc tgaggctcac tcgtggaagg ttgttcanat tgatgctggc gatgatggtg   480
atttcccctg ggttcttcgc ggttcatccg agaatttcga gaaggccaag gatgctattg   540
ccaaggccct tgagcaggcg aaaaagagcg acgcttccgg ttattttgtc ctccccgacc   600
cttgcactta ccgacatgtc attggcccca acggcttcaa ggtcaacgct tttcgcaagg   660
agagcgactg acaagatcca ggtccctcgc gaccaggcca aggatgaagc cattgagatc   720
gttggaacta aggaaggagt tgagcgggcc caaaaggggg gn   762

<210> 1410
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 1410
aacttcatca tgccgtggaa agaccatctc aagcgcctca agaatgaatt cgaaaatcta   60
gtcggtgagc cacaagctca aaaccagagt cagaatcagc aacattaccc cccaccgcct   120
cctcctcccc aaggccaaca gcccatgggc cagaaccagc agcaaggaca cgtctactgg   180
cagccccaat tccgccccga cgcacccgtt tcctctgagt gggacgcaaa gatcggtaac   240
ggcccgcatg gctggggtaa tcaggagcta cagtactaca ccgccgatca acaaaacgcc   300
ttccatactc cagatggaaa gcttgtttta cgtgccattg caaacaatgc agagtctgat   360
catgagaagc ggtatacctc tgctcgactc gtgagtcgca gacgctctct cgcgatcaag   420
gcgtcctcac cgcctgctac ttcgccatgc gcgacaggta tctggcctgc attctggctt   480
cttncgnagg agcccttttc tggccactga tggagaagtc gacatagcgg agacgtggaa   540
cggcgatatg gagaacactc gtgttttcac tggggacacc atcatgaagc cngacaagca   600
tngcgtcttg cacccaaana ttccgacatg   630

<210> 1411
<211> 657
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 1411
gattttatga cccgccgcga attgaggggc cgatttacgc ttcagaaagt gggctgaagg   60
aagctatctc tatcttgact gttaccgtac gtcaattctt gagcctcatt taaccaacac   120
caatttacca ccaccaccaa tttacaccca ttcactaccg cagacatgga tatcagactc   180
ctcacaaacg cagacttgcc cctcatccag cacgcaaacc tcgagaacct tccgagaac   240
tacttcctca agtactacct ctaccatgcc ctctcatggc cccagctgag ctacgtcgcc   300
gtcgatgtct caaggcccaa gaaggaccct tacgagtacc ccaagattgt cggatatgtc   360
cttgccaaga tggaggagga gccttcagac ggtatccctc acggncacat caccagtctg   420

```
agtgttatgc gcacacaccg aaagactcgg tattgccgag aaagctgatg cgccagagtc    480
aactcgccat tggtcgagac attccaagcc aagtaccgtc ttcctgcacg ttcgtgtctt    540
caacgccgca gccgttatnt ttacgagaac acactgggtt tnaccaacga gaagaaccgg    600
gtccaaatac tatgccacgg gaaaatnctt tgatgcgtta nactnggggn taanaaa       657
```

<210> 1412
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 1412
```
ggaaagtacg agggtcgagc tcccgctttg cttgataact tggtccaggc tatcttccta     60
gctcccatgt ttgtgtggct tgaaatcctc ttcaagtttg gataccgacc tgagctccga    120
gcccgtgtca gcaagaaagt ccagattgag gtcgagaagt tcaggctaa gaacggcaag    180
gctcaataaa gcagatttat agccaatttg accatcgaga caaatcacgt tctgatgtgt    240
aggaatacac cttagacacc gtcgatcgat gatcagcgca ggatactcga atcaaagtgg    300
tcgtggagtc aatggatgta atgaaggaat tatagactac accaccaaag agaagtggta    360
tttgtgatct cattccctgg cttcgctcac gtacttgggg ttcccaagag cagtatcgat    420
tgcttatacg gccgccacgt ttgttgccct gangttcacg tcaaaaccaa tatgcatatt    480
taggatgaaa ggaaggtctg aatagggtca ggccatattg gccggctcaa cattgcacaa    540
gtgtcaggat tgtgttattt gcaatttaaa ttagcaatta tcatcgagca tttac         595
```

<210> 1413
<211> 752
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

<400> 1413
```
gcaaaaaggt cacctcaagg gcgacgatcg taagaaggac cgtatgtgcc ttttcaagca     60
attgattcaa ggcgtgtact atcttcatgt caacggtatt gcccaccgtg acatcaaact    120
tgagaatctt ctcattacca aggatagcaa gctcaagatc actgatttcg gtgtgtcaga    180
agttttctgt ggtacccacc cgggtcttcg tgaagctggc ggacaatgcg gccgtaatat    240
gggtggcgaa acccgcctgt gctcacctgg tatctgtggc agtgaacctt acattcgctc    300
ccgaagtcct cgctaagaag gaatcttacg accccgagc ccttgatgtg gtggaagctc    360
tggcgattgg catgatttac cttaccttg gaggcgctat ttgggtccca agcagagcct    420
ggggagctt catttaccga caagctttgt caacgggttg gaaataaaat ggtatgcgaa    480
gcattcagag agcgacgcct tcatcagcga tagtgattac cctaaatgtt accctcgac     540
gttggcatga gcccgctgct ttgcgccgct tgtcctacag atgctgaacc cagacccgag    600
caaacgtatc ggaatcgacg aagtcatnaa caaccgctgg ctgaaaaacg ttgagtgctg    660
caactcgaat cctatgacac ccggtttact natcgatgcc ccaaaaaaga caactcataa    720
tggcaacaag aaaacttntg tataaccact tg                                  752
```

<210> 1414
<211> 507
<212> DNA
<213> Fusarium venenatum

<400> 1414
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cgctcttatt cagcttgaag accaggttac atagataaat acctgagagt acaaggccag     60
gttgcttctt attgaagcct cgttttcttg tttcctctcg tgtcattgtc tccactatct    120
```

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```
gatcattttc gcccaaatta aaatgtccta ttccgtcaag gatcgttttg cagttgttac      180
cggtggtggt tccggtatcg gccacgcact tgttcgactg cttctcaacg caggatgctc      240
cgtcgccatt gctgatctca agcttcgccc tgaagcccaa gctactgtcg acgaattctc      300
ccaatcctcc gacggcaagg gctcggtttt cttccaccaa accgacgtct ccgactgggc      360
ccaaatctca gccctatgga atgctaccct cgaaaagtac ggtcgaatcg atatactggt      420
taattgcgct gggagtttat gaagcaccgg gactctcctt ctggaacccc cccgtatctc      480
gcccctggct gaagacccga agatgcc                                         507


<210> 1415
<211> 970
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(970)
<223> n = A,T,C or G

<400> 1415
caaatcgcaa gaggctccgt gtcgacaaag atggtggctt ccaagatgac actccgatca       60
cttcagagtg ttgagcttga agagttgccg gaagcagaca gaagttgcgt tatctgctac      120
aatgaatatt gtgtagagac tcctgagggt gttaaagaag cccctcttcg cttgcccaaa      180
tgcggacaca ttttggtga ccactgcatc aagaaatggt tcgaagactc ggatagttgt       240
ccctactgtc gagacaagct tcatgcggaa ccaaagacac aaggcggcag ttctgctagg      300
gcattcatga atctcatgag atctagaggc atcaatcccg gactggcagc tcaacaattg      360
ccggatgagg tgctggccca tctcagagct caccctacag gtgcggaccg acgaaatggc      420
tctccgcctc acgctgtaac agcagcaaga agatcgccac caagagaagg cgttgaacac      480
cagcaccgcc gaactagagc acgtcatgac aattcaaaca cacacaatgc tctatcgatt      540
cccgaatccc gcaacccgag cagtttccat ggagacaccc cgacagccca ctgtgcctgc      600
tgntgaacta cccttcattc ggccgcaacc tgaacaattg ccaatggaaa gacaaccccA      660
ggaatgggga cgaggtcacg ctcaggatgc cgaatgtagt gtcgacgtca gcccaagatc      720
gcaagcgcag anattcaatt gcctccgcgg ttttgccaga gctatcttca tatnctttac      780
aagatgcgca ggaccaacgc ccgagagcta ggactcttcg aaaccctttg caagtgcaga      840
ctggttcgcc ttaccaaagg tctgggaaac aacgaaaccg caccagatat gccataccac      900
tcaaaataaa aggnggtagc ttgtcccagg gngcattcga tgggaatagg atgaataacg      960
caggagttgt                                                            970


<210> 1416
<211> 551
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 1416
tatcggcggn ggtggctgta accatggcac atttggtgac atggccaatg caggacatgg       60
caggtcgca ggttcttgt ggtcgcaagt caagactcgc gaccttgact ntatggaggg       120
taaagatgga aacctagcaa caggatacat gtccaactcg cctgcccgc ctagccagac      180
ctngttcgaa tatggacaga acctaacta tgcaggatca aactctggat actcccagca      240
nggcagntac aacgctcccc cgccgnaaca atnatacggn ggtggntatg gcggacctcc      300
tcagcctcag tacggagctc ctccccagn acattatggc ggcccaata tggagggcct      360
cctcctcaan aatatggagg nccggggtat ggaacacccc ctcctnanta tcctccatac      420
ggcagccag gctatggngg acttcttct ggcaacaac cttctctggg tgggucaat      480
atcccggnta caccacggat actaaaggaa acatgatggn aaataggagc gtgctnttat      540
atatgaaacc n                                                          551


<210> 1417
```

<211> 810
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 1417
```
tatggcctga ttgtnatctg aaagtncgtc cctgttcctt gtctatctaa ctaagcattg      60
acttgtctta tcttcctctt cactcatcca aagataccccc cctagcacct gatttcgctt     120
ttgatcttct cttccttcat ctcttcgatt aacaaacaac acatcaggca atctggacga     180
catcatcaca atggctgcta ccaccgagca cagcgagcaa ttgagcgaga agcacgatgg     240
tctcaacgga aactttgacc ctgaggctca gcgtctcgag gcattgagcc agttccgaac     300
agcacagagt gttcagatga gccctgagtt gtttgagaag ctgtaccttt cgccaatgaa     360
caaggtcaag ggtgatcttc gacagacgtt tgcaaaccca acaccaattg ctcttgttgg     420
cttcttgctt gcctttacgc ccctgtcctg tgatctcatg ggctggcgaa gtgccggtgg     480
cagtggtgct gcttcaaacg ccgtgtacat gtttatgggc gggcttctca tgattatcgg     540
tggtgttctc gaatgggttc tcggcaacag tttcccanct tgtgtctttg ctctttcggt     600
ggtttctggt tctcttatgg tggcactctc atcccggcct ttgctacata cgcctcttat     660
gctcctgccg atgctcaatc ctcgncnaag cctgctacac aaggttcaat gctagtctng     720
gatcnggccc ncttatgggc tcttgtctat catcttcttg ctggcgccct cngaacaaac     780
gntgtcttgg caagactttt ncactttgac                                     810
```

<210> 1418
<211> 524
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 1418
```
gcgagagggt taccgaggct tatacaaggg tctgacacct aacctcctca aggtcgcacc      60
cgccttgagt atcacatggg tggtgtatga gaactccaag agaatccttg gattgaacta     120
gtcgtcccag ctagcgatca gacgaaagaa agggacaaaa gacatgagac tgaggaaccc     180
ttcccagttc tcacaaacaa catttactac ttactataca tacacacgca aatttcacat     240
caacattcag gaaagcgggg gtcttagcga ttggatggca ttgcgttacg acggagggga     300
atcttatggc gttgaaagga ttgatatatc agatgaaagc ggttgacagc cattgccaat     360
gaacagagtg gtgtttcgaa tagcaccacg ctgtattaaa ctacatgttt ctcattttc      420
aaggtggaag ancgatggct agaatttggt tgaacatgta tttgttcaaa gacgagatag     480
aagagacgaa gtggtctcat gaagaataaa tcaagtttct tttn                      524
```

<210> 1419
<211> 326
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 1419
```
tccaccgcaa cgctctcgag cccccctctgt acccctcgat cgacaacctc gaccttgcga      60
tcgaccctt cctcgagaag acctgcgatc tcctcctcga gagcattgag tcgcactaca     120
ccgacctcaa caacttccaa tactaccagc gacaactcgg tcgtgagcag accaagatca     180
```

```
cacaatggca ggccaaagcg caagaacgaa gaacgcccag cgtgctgntg ccaagcagga    240
gcctnttccc gaggatgagt ggnaacgact tgttaaactt tcttnaggag cttacccgac    300
tggagggtnt tgttgaatgc caaaca                                         326


<210> 1420
<211> 616
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G


<400> 1420
ctactatata catatacatg ccctcttcca ctccatccat tccaccctcc tcttactatc     60
ttacctactc caatatttat taatccttca cttggatcgt ggatcaccca cattgcttgg    120
catataataa atactatagc ttctatttct acgctacaat gggatcaggt agcttgccct    180
ctcctccagc tgaggatcaa aaatcgaccc tctctcgaaa aagtacatct tcaagtacca    240
aatcggtcaa gcctgtgcac cgcacctcca agcgagccag ctcaagtgct gctacaattc    300
accaccacga tcatgtcaca catacaactg gcatggacgg tcgacacaag cgtgtgtgga    360
aagcttgtga gcgatgtcgc atgaaaaaaa caagtgtgac ggtgaattcc cctgcaagcg    420
atgcaaggat gatggtctag tttgtactgc tggtgtncga aagaaaaagg aatacaagca    480
gttgcctcga agttacccga aattctcgaa aacactcaat tcgctttaat tgctaccggt    540
cacaagcttt actcaatggt tcgaaacaac caatcctggg accttggcga ncccgaatta    600
aacaatgcgg caaccc                                                    616


<210> 1421
<211> 467
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G


<400> 1421
cttcnacatc nccaagattc ccgtggttac ccgggagcag gctgatgccg aggatcgatc     60
taagaagctg attgccacta ctnctaccct naaggccccc aaggttggcc ctaccaaggc    120
cacaggtgcc gaggccgttg cgactgcctc tgctcaggct caaaagtacg ctcaggagct    180
tatggagatt cccgagatgc acgagtttgg cagtgtgctc aagtcttcgg ctnttatcga    240
gcttaccgag gccgagaccg agtacgttgn tnctctggca agcatatctt caaggagcat    300
gttgttctcc aatcgaggtc aagaacacct tgcccgatac cgtgctcgag accgtttaat    360
cgtcgtcacn cctgctgatg acnaggactc gatgagnctt catcatccaa gctgngaagt    420
ntcaacttgt gagcctggca aggcttcgng gcctttanaa anatggc                 467


<210> 1422
<211> 614
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G


<400> 1422
ctcttttgtt taattcagcg gatttgtctg tctttgtttc cgacatctat actttcaatc     50
catcgcctca gagttgtggc ctacgtttcc ttctcagcct ctataccaga gtagccctgg    120
```

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```
gctctctttg aaccgtcaag atgagttcag actactctta cgacgagcag ggccaattct    180
ttcccttctt tatcctcaca cttaccggga tcgtcactct tccccttacc tacacactcc    240
ttcgtccgag tcgcagcgat gatgcgctag cgccgcgaat caagaccgac tacaagccag    300
agcatgcggc cacagtcgac tccctcaaga cagcgcggaa gcgcagccag tggagggtca    360
agcgggccat ctttgtggtg ttcggctggg ccctcatggc tggcatggcc tacctcatcg    420
tagttacgca gcgaactgtc cccaagcttt acaaccctta cgacatcctc ggcatctcaa    480
agtccctcaa tgagaagcaa atcaagtcgc actacaagcg actttccctc aagttccaac    540
ccgacaangg tcgccctgac gccgccaaag aatgaaaccg tggaatctct caacaactac    600
tacgtcgaac tcac                                                      614


<210> 1423
<211> 379
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G


<400> 1423
agcttgtccg acttcccagg cgtaacattc gatgttattc tcgattttgt tggtgcacag     60
aagacggtcg aaacggcagt atcaatcgtc agggatggtg gcactatagt tctggttggg    120
ttggcttcgt cgcgtattca actaccaact gcggatatag ttaccagaaa tctctcacta    180
aaagggtcaa ccagcgcaag cattgatgaa ttcgttgagg ttttggaact gctaagttct    240
aaagccttga cgccacagat tcgagagatt ccctttgagg aagttcccag tgcccttgag    300
tcactgagtc acggcgaagt cactggtcgn ctttatacta gaccttgaga tatattataa    360
atacacttat cnggttaac                                                 379


<210> 1424
<211> 500
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G


<400> 1424
ccaccttgct ctcagtctta gtcaacaaat gaatacccgn cggctcttca ctactgcatt     60
caagaccctc aacgtctntc ttacaaaatc acattcactc cttccaatct tccgtcccct    120
cctcacacat cgcacaatgg cttcagctgc tgctaaacgt ctcaccggca agactatcct    180
tgtcaccggt gcctcctccg gcatcggccg ttccactgct ctcgagtttg ccaggaccgc    240
acccaagaat gacctacgtc tcgttcttac tgcgcgccgt gttgactctc tcaaagagct    300
agccgagcaa atcaaaaagc gaggtcgggg aatggcgttc aaggttcttc ccttcaaagc    360
tggatgtcaa caactctgcc gaagtgaaan agcattggaa aaaacttggc cgaagaggng    420
ggangaacat tggatgttct ttttaacaat gcaggccttg tcaagggcgt ggcttcggct    480
ccaaaaattg ntgnggaggt                                                500

<210> 1425
<211> 262
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G
```

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<400> 1425
cctccgcgtg cggttacaca ntcaagatga ttcaattaaa gacaatgctt aactgcatcg   60
acaactnggg cgctgccctt gttgaatgcg tcttggtcgt tggccaaaag cgacatgccc   120
gaatcggtga ccgtntcgtt gtcgncgtnc aggacagcgt ggtagctcct tccggnggta   180
tggctggtnt tttctgnccn caacaagtca ancgaggtga catttttcac cccgtcntng   240
tccgaaccct gatnccntac aa   262

<210> 1426
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 1426
ctccgcacgt tccctagcga tcttctccgc ggttttagac agaataccgc gcgtcttcca   60
gaggtcatat ctcctgagcg cataaaggcc tttttcgcag accttgtgct cggtagccga   120
accctttaaa accctcgaaa aaaaaaaaca tccagattcg agagcggggc attttttctt   180
gcacccctcc aacaaccaca tatcgcccat catggcaccc tctttcgacc accttcgcga   240
ggccgacctt gacgatgacg agttcaacga tgatgatatt gatatctccg acctgcgaga   300
gagattcgag gtttccctag accaaggcta tgacaacttt gtcgtcatcg acggccttcc   360
ccaggtcact gaggaccaag aagcctaagc tggtcaagtt cttgttgaag aagctcaaca   420
cagtcggcaa gacacgcgag gactccgtac acatgcccat gggcgacgat ggaaagtctc   480
ttcgattcgc ctttgtcgag tactcctcaa ccgccgaggc tgccgccgct actcgccagc   540
tcgacctcac tcctctcgac aagaagcaca ctctccgcgt caacaaagtt cancgatatc   600
gaacgctacg gacgagaagg nccgcattga cg   632

<210> 1427
<211> 554
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

<400> 1427
cccgagttca ccatgtgcga gttctacagc gcatatacca acttggaaga cctgatcaag   60
gagactgagg agattttgtg cggccttgct cagcactctc aagatcttat ctccactgag   120
ctgacagccc ttcctcccat tgacatgtct cgctttgtcc gccccttcaa acgagttgag   180
tttgttccgg cactccagga agctcttggg actgcgtctg cctaagctct catcaccaca   240
tgctttacca gaagtgctcg ccatcttgaa gctcgctaac atccangtcc ctggtgaagt   300
gcctacatca ttggccaagc tgcttgatcg tttggctgcc atctattgga accatgttct   360
tcacggagcc gtcttattat gaaccacctg cttgcatgtn acactggcaa aaactcctat   420
gccccgagan ttccactctc tctgtcanca aactttctcg gtggtgcaat ttggcactnt   480
ttaaaagaa anaaccaaac ccnagggcat tgttgaaatc aaatcnctca caggagaagc   540
gntgtttga ctcc   554

<210> 1428
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)

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<223> n = A,T,C or G

<400> 1428
```
ccagggtatt gtaggggggca naatccaaga ttcgcgaacc cctcgatcat ttttaacact      60
tcatccccta aactcacaaa ccgcttcttg gcttttccat actagctgng ggtttcgact     120
aaatagccat ggcgcaacga ttcggcgctt cgtcgcttca tcagcgtgac tcgcgtagcg     180
ctctcttcga gggatacaat ggcgacgcag cctcgcgacg acctgtcagc gcaagcccca     240
accgaggata tggctacggc ggatacggcg cccttctcc ctctcctnta ggacagggtg      300
gtttcnacag ttcacggccc gcttnatttc nctctgcgac accgaacaag aggggccaat     360
atagcgatgc agttctcaac gagcttgaga gtcanaacga tgcgcaggtg gagggtattc     420
tgggcaaggt caaggttctc aaggatatga ctgtcgccat cggagacgag attcgcgagt     480
cctcagcgtt ggcgganaan atgaacgata ctttcgactc gactcgcttg cgtctcaggg     540
gcactatgaa ccgcatgctt gtcatggctc aacccactgg tgnggga                   587
```

<210> 1429
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1429
```
cacccccaac tcactgagag atgttgacga ggggtttgat gactcttttg ggtgcagatg      60
ggtatggact ttccactctt ccctagcagc aatggtatgg gtcaaagacc aatgactatc     120
agccgctatt tggcgagatt cccagtgcca atatgggctt ctcccaaaac tctcaggacc     180
tttccaaatg gactggtcta ccgtttgatt tctcgcaaaa ctttgactag gaagtcgatg     240
gtttgccgag atattacaat aacgagtaaa gggggactta ctcaaattgt ataatgtccc     300
ctaaaaattg ccaaacaaat tttggtttga tgagatatga agcttttatt tataggccac     360
ccagtgcggg gataaggtct ttttnatggt attgcagacg tttgcttgct cattgggaga     420
tcgctttctc cttgagaatc acgaagaaga ttaggccttt taaggctgtt gttttgtttt     480
atcttccacg tggaaaggag gaatnatngc cctcgaattg ggtatctggg aagcgccaca     540
ttgtcatnat tcattntccc accacaactt cagaaccgca agttcg                    586
```

<210> 1430
<211> 389
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 1430
```
ngcctagaac naantccctt gaagagcttg ctaatcccgt agggatacta aaatatgntt      60
nttttnact atncgccccc tgctactcnc acgcngacta ggtaaagctc ataattatat      120
gtggggcggc tgctttatan taagctagcc cgagcccctc cgggctaca ccnaacaatt      180
agtaattta gataaaatat gaattaact ttaggcttt ttttaanagg aatcttaggg        240
tttgtttta atngaaaaaa tataatatta aggcttattt ttattgaaan aatgcttttt      300
atctattaca ttcttaatat ttgggaangt cttggccaaa ntccatgaaa ttaatagggc     360
aaacgggtgg ncatttacat taattggtg                                       389
```

<210> 1431
<211> 585
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1431
ctccagccgc tcaacagtga cttttttctga gctccatcca gccaagtcgc agttatcaac   60
tcgacaacgt cctgatccct caattgatcc agcggcaatt ccataaccac gatgttgtct   120
cgagctctcc gactccccag ggctgtgcct atgcgcacca agctcgccgc tcccgcttat   180
accgctgttc gctccgtcac caccgacgct gcctctgcgt ccctgagcca ctcagtcccc   240
aagtccgatg acgagccttt ctccgtcaac ctcagcgatg agagcttcga gacttacgag   300
ctggaccccc ctncttacac cctggaggtg accaagaagg agttgaagga tatgtaccgc   360
gagatggttg tcacccgtca gatggagatg gcggncgatc gtctgtncaa ggagaagaag   420
atcgtggttc tggcatctgt ctaccgacag gaggctgttg ccgtggtatt gagcatgcca   480
tactaagagg acacatattc cgctacgtgc acggtacctt tttcgngngc ttgtccaaca   540
tatgggaact gtnqccacta nggtttttatc gnaggnggtc atgcca   586

<210> 1432
<211> 308
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 1432
aacaactacc tacccaacca ccaaacaatc ttcacaatgg ctggcgactg tggctgctct   60
ggtgcctctt cttgcaactg cggctctagc tgctcttgct ctggctgcgg caaataaaca   120
acttggtcct ttgatcaatc gaataccaca tctattccag gcccagactg ggggtcaaga   180
tacatntttn tgacgacaaa tcancggacg gagtnatgaa nggcggagtt ganatcatga   240
tgtgattggg atatgcggtt ggatagctac aatttaagct caaatactat ccttgttgta   300
ctgttgag   308

<210> 1433
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 1433
nccaggcagc ggcagctgct gctgctcaaa acggaggtcc cgacccccag ggacctgatg   60
gcactcctac ctcatcctac cccggctcac ggcctgttca gctgcctccc atcggctacc   120
agcctgctca gtacccgcct ccaccatcgg cggttcctca acagccactt cccgattaca   180
acaacagcca tatgtactcc aattaccagc ctcactcacc ctatcgcaa cctaccaggg   240
catttcttac caatcaaacg cgcaacccc aagccactaa gtggggggatg gtcaaccaag   300
gatcaagttc tagaagaaga aantcattaa aatcaggatg gaaaaagaat acccgctgtt   360
ctatattgga actgccgtgg tgtctttgat cttttgcatc natgcanact tgaccctgtc   420
ttngacaacc cgtngatttn ggatnatgga actcccatgc gaatccttga ttcggtnatt   480
actctctatt tcaaaatgg   499

<210> 1434
<211> 609
<212> DNA
<213> Fusarium venenatum

```
<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 1434
gccgccaagc aacaccaaac cgtgtcacaa ctgccgtcgc cgacgcctgc gctgcgaccg      60
ntcatggccg acatgccaca aatgtgcggt ctcggggcag gaatgcctcg ggtatggcaa     120
ggttttcgtc tggacgcaag gtattgactc tcacggcaat gtcaatccgc ctccgggccg     180
gaggctaccc gacgacactg attcttccgc ctctgcctcg cccccgggac attatcatca     240
actgggtcaa ggtcaacatc acgatcgccc gagaccccag cctcaacctg actatagcga     300
ccagcaccca ctggcgcgct tggtccaaca agcacaacag gctgcccaag aggcagagga     360
gttgaagcga catcagcaac agccgacccc acgcaatgac gaatctgcat cctcgagcga     420
tggcaatatg ccttggcctt ctccggctga cttacagatc cgttgttcca ggatcttgac     480
cgcacatngg gattctacct agcgcatttc tccgaaagcg tttgnaanga tctcgtggtc     540
ctaaaaacac ctgaaagtaa tncattccgg gagctgatcc ccttgacacg gaacncccg      600
ttttttttt                                                             609


<210> 1435
<211> 972
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(972)
<223> n = A,T,C or G

<400> 1435
gaataccggc gctgccgagc ctaggctcat tgaacctctg cctccgaccc gcatcgaagt      60
ccgtaactcc caacttccta cccatcgtcc agacggccaa cctttcccag cgcgagaaga     120
agcgcaaggc aaagcaagac ccatatcgat gggctcaagc acagcaacga aaggccgcca     180
atgtgcaacg acgtgaagag ctatctcgtg aganagacga gtcctggggt gatgctgtcc     240
taggaaagaa gaccccgttc atcgaatctn ttgcgacagc tggcgtgcga natactgagg     300
gccagtctgt gacagataat ggaatccgca actattttct ttcggatacc gaggtcgagg     360
cagccaccaa gcatgcctac caactaccga gcccatgatt gggctgtgag tccanataga     420
cctgaaccan gaggatgcga tgaagcggca cattgagaac cacgagaagg ttatcgaagc     480
tttaagccga attacgtcgc ttgagaacgg gagcttaaag gaccgcttcc acgccaacgt     540
gcagcgcatc attaacgagt ttggtcgtca ccgcaccgac tccatcttta tgcccaacaa     600
gccccccaaa actatgctcg gggaggaaat gcctggacga cttggtcctg atactggcag     660
ctctgaggtc cagattgcca tcttgacagc caaaatccat aacctctcaa atgccctaca     720
aatcaaccga ggttataagg acaaacacaa caagcgtaac ctaagattac tgttgcatcg     780
ccgacagaag ctcatgaaat acatggatcg taaggagaga ggaagtcagc gatgggctca     840
catggttgag acgctaggcc ttacacctgc aacctggaag gatcagatct cgttgtaaga     900
agangcggga gctgttgttg tagaataact tggttctntt tatgtacaat acaagccacc     960
tggaaggatg ag                                                         972


<210> 1436
<211> 328
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 1436
nacaaccatt aacncatcan caacaactnt ctagatgata tcnatcataa anaatggctc      60
```

```
gcactnaaca aaccgaccgg aagtcactgg tggtaaggcc cctangcang cagatcgctt    120
ntaagggtga ccatangtcc cgcccntttt cttgggggag tgaagaacnt caagcgatnc    180
aatccgnccc ggtactatca gtnagattcn aagaatacna gaaatccact tgagcntctt    240
attccaaagc taccccttnna atgttcagta cgtnagaatg ccaagaactt aaanttngat    300
ttccnattca ggctntgcna tgagggat                                       328


<210> 1437
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A, T, C or G


<400> 1437
attaaagcca acccgttccc tcaaagtttc gattttttcaa accctacatc ttcaattcgc     60
ctgttgtcct cttctccttt gacttctcgt ttatctttttc tcgccttcac ttcacttcac    120
ttcaacactt cacttcaaca cttcacacca tattcaacat ggttgcctca tcgaacaccg    180
gcctcgancg cgangatcac cagcgcgatg ccgacttcaa cagggccatg cacggcacct    240
cancccaagc ccgaagtggt gtcgctgcca tgttccgcaa gggcggtgct gctaacaagc    300
tgctgttgat gaatacttca agcattggga caacaagccc gcagaaaacg aaactcctga    360
anaacgaact gcccgtcaag ctgaatncgc tactctgacc gacactacta caancttgct    420
accgatctct acaaatacga tngggccatc ctccacttct gcgatctccc cangngaacc    480
ctttaccaag ccattgcccg ccatgacact accttgccac ccaaatggtn tccaagaang    540
cataagttcc tgannttggt tgcggttggt gggtccccccc ntaaattc              588


<210> 1438
<211> 473
<212> DNA
<213> Fusarium venenatum


<400> 1438
gcgacaacag gcagcagcag cagcagcagc agcaacgcgc atatcgcctg ccacccacca     60
atacgcccgc attttctatt cttctgagct gctttcccaa ccataactct ctttcgatca    120
tgagatagct agcacctttg cattctgact gactactccc cccgtcgccc aagatgtcag    180
tcaatccagc gccgtcgctg cagcttgcag agtacctcga gaagctgccc ggcacaacct    240
ttagaaagct ctatcagcag ccctctactg cctttgctat cttccgtcgc atgctgccac    300
accttgcaaa gacctttgta atgcgaatcc tctactcccc gaaaccaatt ctcctcagcg    360
acctcgatga ctgggtaaaa ccagtgccaa acgccaaaaa gatcaagctc tctccatcct    420
gcgcgttcta cacatcgtac aaatctcgac accctccaag gaacgaccca gga          473


<210> 1439
<211> 634
<212> DNA
<213> Fusarium venenatum


<400> 1439
aaaatggaat tcctggaaaa gaatcaggca tggaaagagc ctgattttga tactgtattg     60
aaatatttgc gaacagtttt gttgagacat gggcttctc tcatctatac ctcacaaat    120
gggccctctc agctaccgtc tcttattcat tccactcttg gaatcacatc tctcctgaag    180
cgtcacccac taaagcataa cgttatcgac cgcgacaaga ttgtggttcc caccaactgg    240
gactcatggg gcaagattcg tgttcttggc ggaacatttg acgccgagca ggtctctaat    300
tcatggtccg aagatatcag cactccccgc gagtctatgc gcttcaatga tgatgaccaa    360
ggtgaggtgg atgaagaaga gttggaggag tggcaagaga aagtcgat cgtcgcgttac    420
gaaggatggt gccgtgaccc taacagcggt ggcttggcgg ttgtcgaaaa tgccatgcat    480
ggcgagaagt ggatcgccgt ggagagtgac gatactcaag acttctcgag aagcagctca    540
agatcctcga agcattcaaa gccaagcagc cagagaaggg ttccgataac gccatcgccc    600
gcagcacgcg tcatattgat tatagcaatg acaa                               634
```

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<210> 1440
<211> 582
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 1440
cttcaatcaa ttaatccaca tcccactcat cttagaccca gtcacagcga cgacccgccc   60
gacgacccga aagagaccaa ccatacagca attgcgccat cccacgttac ctactactat   120
cctactactg catatagtac ccagtggtac cttgctctct accttgaatg tcaatattct   180
ttagatccct ccttttcttt ctactcacta tcaccctggc tatctttctg tcgccctcat   240
tcatccccg tctccgccaa atatctcc atcttctcat cctcaatcga ccgctcgcaa   300
ctatggccgc cccgtcttac gcctcagagc tcaagatcgc tgagctcgcc gttcagcgcg   360
ccaccatcct caccaagcgt gtcttccacg agaaggccaa gggcaccgtt gacaagaacg   420
acaagaccct gtcactattg gtgactttgg cgcccaggct ctcattattg ctgccctccg   480
tcacaacttc cccgaagacg ctatcgtcgc tgaagaagaa gctgctcact caaggaggat   540
gcgaacctca aacagactat ctnggactcg tcagctctac ca   582

<210> 1441
<211> 332
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 1441
tcaacacaaa caaaaccaac ctttaacaac cactaccctt tccaaaaaca accatcatca   60
tgtctggctg tggatgcgct tcttctggct cttgcggctg cggctctggc tgcacctgtg   120
acggctgccc tcacaaataa gctatttctt caacgacttt gacgggaacc ctgatggatg   180
aaatganaca tggggaagct ggatgtcttt cagggtctga cgattcgggg aagattgatc   240
agcaatggat ccactcgtta cttcttggcc gtatctttat ttgagtatag tcagaattaa   300
atgaagacac aaattgcagt ctctanataa aa   332

<210> 1442
<211> 531
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 1442
ttcgagccac tccgactggg tccattgaca agccattgtc gacccccgac tatcgtcaat   60
accgatcctt tcgcttttcg tcccgtccgc cctttttttg cgactctatt cccaatggct   120
tcgaccggag tgaacgttct gcggtggtcc gccctcggcc tgggtatctt ttacggcttc   180
acccaccagc gagcgattac tgcttctcaa agggctgagc acgcgcagca cgagtacgag   240
aagaaggaga agcttatcca gcaggccaag gccgagttcg ccaagaagaa gagccttcaa   300
ctggtgatga tgttattacc gatccttcag accccaagtt cgatcttgag aagctgctgt   360
ngaaggtcca naaggagagc ccttagatat gtaataatgg cgcggggcaa cacnantatg   420
acnagggaga gaattgaacg ataggaggtt ttggcgaaaa ggtnaccgct agggaaacag   480

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gtcntgctgg ggcaataatc cgaacctcga accagaccga tttntgattg a   531

<210> 1443
<211> 645
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 1443
ctgcaggatc gggttggttg ctacctaggc attctcggca aggacacagt cgatcttaca   60
gatgtgcatg ctatcatgct tttggaggag gaagatgtca agctgcttgg caaggtccag   120
gaggtcttgt cctctgcaga gatcaagatg aacatgctga gtggacagga agccaatatg   180
gacatggatg gttacagtgg ctatgctgcg aagttacttc gaatcactgc catgatgctg   240
gacaaggcag cggtctggcc agtgacacgt ctcaaggctc gatgcctgga ggcacacgca   300
aacttcatgc gaactcgtgc tgagagatcg attattcctc agcatgactc acgactgtaa   360
tcatcgatac gtttggggtg ataatcttac gacacttctg gcttcatgtc ccgagaagta   420
tttacgaaga gcaagcgtta tgcccgagat acatacaggg ttcgaggatg ttctttcttt   480
cgcgtcacat aacggcactg gcttgacgca ccatgggaat tcttatgaac gtcttacaca   540
aaagtcgacc cttttttgcg aaatactggg tttttcttnt ttggggcatg aatacagtaa   600
ccccgatgtg tgtatgttta acgtcngggc cgttaaccgg tgntt   645

<210> 1444
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 1444
gccgcaggaa tttttttttt tttttttttga tgcatcaaag tcccaaagga catgtttata   60
tcgtctcacg tagacgtaaa cagacgagag gccaagtaga caaagtacca atgatctaac   120
gattgatggc agatgtcaca ttcagagtga gtgaatatcg gaaagccggc agagtgccgg   180
tcggtctctc aggccgtggc tcgactaaaa gagtcgagct gatgcagcaa tggcaacaga   240
aaatacaagc cccatgtgag atcgctgagg gttccgagaa gcttgcttcc gttccttctg   300
gtggtgccgg tgctgccgct ggtggtgccg ccgccgctgg tggtgccgcc gaggaggcca   360
aggaggagga gaaggaagag gagaaggagg agtcccgacc gaggatatgg gcttcggtct   420
cttcgactaa gcgatctcta cccagagatt gcaaagtaa cgatacctca cgaatttcga   480
agatgccacg cacgggttgt tcaccagttc ttacatgtct tttgcgtgga tggattggcc   540
cgctcatggc tggattgggt ctctntt   567

<210> 1445
<211> 406
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 1445
cccacaatca tcatacctga gcttgctgag ctgggtgtct acgcccaatc cgtcaaacca   60
gtcgacaact catggtacga ggagggcact ctctccaatg ggcctcacca ccacctcatc   120

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aacgtctccg agtcaggcct cgcgaagcat ctccccgagc atacatcagc cgtctccaga      180
cataatgccc agcatctcat gcgtgtcttc cccaaaggtc tcgtatttna tccaccaatc      240
tgaagcccgt tctttattgg ggaatcggcg ctcanatntg tgctttnaac ttgcagaaat      300
ttnggagcta gcaaccaatt taacgaggtt ttttttaggg nacggatggt tacnttttaa      360
ngcccgtttt tttcgngccg gggaaacgga aagttganca caggcc                     406


<210> 1446
<211> 630
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G


<400> 1446
ngggnggata cccaattggt ttggtttcct cctcgggtca agtacgctta tagacctgat       60
ggcctgaaca agagggccag actacgcgtc aagaagaaca gtaccaccgt cccggtgtcc      120
aaaagatacg caacacgaag tactatagac tatccatcaa gactaaccca gacaaatcta      180
gacctcaacc tccctctaaa taccaacctt cccagtacca ccaaccttcc cactaccaac      240
cacctcccaa attccaaact tctcacactc acgtagagat cgacacccaa cgtcatccct      300
actactccac ccccattgat ctcgctgaac gtgaataccg ccagcgttac cgccctgccc      360
aagctttttc cacaagaaga cccttcttcc cactctcatc ctcactacca acctcaagac      420
aacttcaaag ccaacaacta caccgttgaa ggncgacccg ctcccaattt caatcctctg      480
agaagactga aatcaacaag tttactgntg acgaacactn ctctcgcctc aagtacaacc      540
acaccgggaa gaccgaattc nacaactaca ctggtgaaag ccgatttttcc gtnctcaata      600
caacacctgt gagaagactg ggatcaacat                                       630


<210> 1447
<211> 337
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G


<400> 1447
tacaatggac gctgctcaaa caacaatctc ctcgcctgtg agcgctgccg caaacgttgc       60
gtccacttcc accacagcca ccaacaagcc caaggtgagc ctcacccgtc gaccacaatt      120
gttctcaatt gccatattaa cacttcctct caaaagccct gctgtgtgtg caaggacnaa      180
aaggccaagc gcgatgagtg catgctcttc tccaacgcaa aagaccctgc cgccgactgc      240
aagtctatga tcgaccagta ccgatcctgc atgtcgggct ttggattcca ggtttaaaca      300
aggcaaaaaa ggcgacgact gtcggattgg aaaaccc                               337


<210> 1448
<211> 896
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(896)
<223> n = A,T,C or G


<400> 1448
catccattcg ctcttacact gcctcttaca ctcgttgtat ctcgcctttt taaacaaaaa       60
acataaacaa cacattcaaa atgaagtact ccgtcgcttt cgttgctctc gccgctgttg      120
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ccgctcaggc tcagtctctt gccgacgttc ccaagtgcgc cattccttgc ctcgacaagg        180
ctatcgccag cgagaccgac tgtgacaaga ccgacctcgc ctgtgtctgc aaggacttca        240
gcgctgtccg atctgtcgct acctcttgtg tcattgacga gtgtggtacc gacgttgcca        300
tcaacgaggt tctccccgct accgagggtc tctgcaagaa ccctcccaag gagtctgagg        360
acaagtccac cgctgccgag gagaagccta ccactgctga ggagaagcct accaccacca        420
tggtcgttgt cagcaccagc gttgaggtcg ttgagactac caccgccgcc gccgaggaga        480
acccaccacc actgtcgctc ctattgttcc taccaccgct gctgagganc ccgttgccag        540
cactcccgct gctgccaccc ctaccaaggg ccctgagcag gccaacggcg ctgctggcct        600
cactggtctc ggtgccatcg ccatggctgc tttcgctgcc cttgctctgt aaaggagttt        660
aggaaccagc ttgtcagtta tgaaaacctg attcctcaag tagtcaaact ggacagtcaa        720
tgtacatctg gtgagacgaa cggggtaaga ggcattgttt ttttttttaa attgaaagga        780
cgatattgat tatgtgtatg agaattggaa acgctatcag gattcgattc acnggttaat        840
aagtaatggn cttcgaccac aatgaatata agcgaatata ccagtgangc cttttt          896


<210> 1449
<211> 591
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G


<400> 1449
cgactcggac gcctatcaaa caaacctgtg gattggcccg agatcaatgc ggctnggggg         60
catgctttgc tattactggt aacggtcgcg gacaagttgg catacaggtt tgatggctat        120
gacccacagc ccatgggcag cacgtccagg attgttcgat atgaagttcc gagcccttca        180
tcgancagac ttggcagtcg tactgctagt atacctccta aaacgcatat ccttgagttg        240
tacagctccg gggacatgcc ccttgggctt acttttatgc atcgacgttt tgacaatgcc        300
atggtgggct tcctggagct tgtgcgacag ctgggtgcgt ttgtgcatag gcaaactgac        360
gctactggca cgccgnttag tttgccatac aagatcgatg gtgacaaaat aggggacgtg        420
agcatcaaac tcggcatcnc tcaagatgat ggttggacta aggcgtgcaa gctgacgttg        480
acatgctgta aagtttctgc ttgctcacnc cagtaatgtg acgtccaacg cacgaaatgg        540
gggcagtcaa tacaggggat agaanganaa aaanaaaagg tttcctccct g                591


<210> 1450
<211> 432
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G


<400> 1450
ntttgntgtg tnggngctgg ttacgtcggg ggccctactg ttgttgncgt tgttttccaa         60
aagcctnaaa tccaggttac tgtcgttgac cganacgtca cccgtatccg acgctggaac        120
taccgtcacc ctcctatcta caagcctagt ctgcatgata tcgtccgaat cgcccgtgat        180
gjnggccgac ctggcaagat cttcggcgag cctaccaccg acagcgaggg ctccttcgct        240
gaggagggcg agatcaccat caatgagcgc aagcccaacc tattcttctc taccgatgtt        300
gccaagcaca tcagcgaggc cgatgtcgtn cttgttgccg tcaacacacc caccaagtac        360
cgtggtgttg gtgccggtag tgccactgac atgacngctt tcgaaggtcg cactggtgtc        420
gntgctcaat ac                                                            432


<210> 1451
<211> 656
<212> DNA
<213> Fusarium venenatum
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<220>
<221> misc_feature
<222> (1)...(656)
<223> n = A,T,C or G

<400> 1451
ctcatttctt cttttcatgt cttcttttat tttcatcaac acgctcgcgc atcttaatac      60
aaaccctctt ttcgtacaat cttgggtcgc gctcatctga ttcatttttc gagaattttt     120
cctgtcattg tttctcattc aattcctctt tatttctcca gtcttttgca tcatggcgcg     180
cacaaaggaa gatgtcgcgt ccaaaggcga ctcatcgcca aagattccca aatcctcagc     240
tggtgtgacc aagaacaccg ctgaaactcc tgtcaagcgc ggccgtggaa gaccaccaaa     300
gggcgctgcg cccatgccta agaaggttta cgtccctact ggtcgtcctc gcggacgtcc     360
tccaagtggt ggcaaagaag aaagctgccc aacacctaag aaagtcgcgg ccgtaaacga     420
tgatggtact cccaagagag gacgcggacg acctcgccgg gctgccgctg ctgaagatga     480
agaatccgct gcacaatgcc caaggaaacc aagaagcgcg gaagaaagcc caagaatgct     540
aacccaactg atgcttcggc cgacaggato nggacnatna tgctgccnac aacctagngc     600
aanaggttcc tccccatcnc cgaaaggcag gcaatggaaa gggtncanac aaggna        656


<210> 1452
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1452
tgagttacca aagccaacat gggggagccc aaatgccccg ccaatcgttg gagccgtgca      60
tcgacgtcca agggaaatca atgaatctcc tcctccagaa cccacacctc cgccgcaggc     120
tatgacagct gtcccgctat ccgacgctgg cactgatgct ggtaggcgcg cgttcatgct     180
gtcagtccca ggtgctatgc ccggagacca ctctgctcga catccttcga tgccctatcc     240
tgggggccca tcgccttcgc ctattccata caacgctcat atgacgcctc attttcagcc     300
agttacgcca ggaacccagc ctccacaggt tcatcagact ccagttccaa ttccacatcc     360
acctcacctt ggtcctcagc cccaagtgtc tgtacgtcct gtgcaatacc agcaccagcc     420
tcaacatcaa cagananggt atgcacaaag cttcgctcct aattatgggc agccagtgcc     480
tcccatgcac caacaaaccc cgatnggaaa acacattacc caacttacaa ncaancgcct     540
gctcctcctg ttgtgcgtta ccctatggct ccacgccccg gatgcc                   586


<210> 1453
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 1453
aagttggatt aatacactcg ctactttaat acttccacca aaaaacaaca acgtcacaa      60
tgggtttcgt caagactgcc gctttcgcta ccgcccttct cggcgctgcc aacgcttctc     120
ctcactatgc tcctccttcc aacgagacca tccactacac caccgaggtc gtcactcacc     180
tgaccacca atgcctgct gccaccacc tacctacgg cgacaagact tacactgtca     210
ccaaggccac cacctcacc attgaggact gtcttgcac catcaccaag ccgttgcta     300
ccgctactgg ctatgctccc cccaagccca ctcacgccaa ggactgcgct gagatgtgct     360
ccgacaagtt cgatgagtgc cgcgttgctc ccggtgctaa catggctcaa tgcgctgctg     420
agtacgctgc ttgcctcggc tacaacccctt gggagagcgg caagttcgtc gagcccactg     480
```

```
cttgccacga nggtgtcaag cctactgggc ctgctacacc aaccgagggt gtcaccaagc    540
tgaccaccta ctgcccgaga agacactctt aactacggga acagaacatt cccgttacca    600
agccgggacc gncactgt                                                  618


<210> 1454
<211> 484
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 1454
ctyggaaatc aaaaacgtcg cgagaagaaa taaccgcatt ttttggaatc attttttaca     60
gggtacaac atgggtcacc ataaccttcg ttttgatgac gaccctcatt cgctgagtgg    120
cgcttggagt cccccaacaa gcagagccaa tttttgcgaa gaagactatg ctatcacatt    180
ctatcttgcg gaatttatca atgcgttgac aaacgttacc tacgtatact tggccctgcg    240
atccatgtat ggctcgcgca ccgtggactg tttgctcaaa ctgggacttt atgtcttttc    300
cctatggtct cggcatcggg tcttttttt tncacgccac acttcccaaa cgctcgagtt    360
ggtganganc tgccatgatg ctgtgtctgg ccatgcttcg agctntttta ttttgngaca    420
gcncccaaaa cgtcgttcat ntaatatttg ggggggtctt catctcgtct aagattcacg    480
catg                                                                484


<210> 1455
<211> 409
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 1455
ctcccacaat caccgcctcc tccatatgcg cctcaagaca cgggccctgg agttggagca     60
aaccacccag catcaagcaa tcatatgatg taccagccat ctcctattgg cgcttaccct    120
cctcaacccc aatatcctac acagccatcc tacgctccgg cagcaagtcc tcctctacag    180
ggtctccagc ctccagcact tcctccacna ccttcgtctt cgcaaggatt cgcaccatca    240
tctggattcg gttctggccc aactggctac aatccatcca actatccact accacctcag    300
acttatttct ctcctcctcc tccagctttg ccagcacgtc ctggtcttgg aaagttggct    360
ggcggaagaa gaaaaanatt tggcagcagc tccgcggata agtggctga               409


<210> 1456
<211> 716
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 1456
cagcaggct gctctgctga ccttcctcga gggcttgggt aaggaaaccc acactctatt     60
ctggcgccag gtccttgact ccattggtgg cgtcaagtcc gtctttggcg aggacnaatc    120
catcaagaag gcccttgaca acttcaccct gaagctcatt gatgaaaagg tcaaggaggt    180
tggatgggag ttcctcgagg gtgaggacta cctcactggc atcctccgaa aggagattat    240
cggcgttgct gttgccagcg gccaccctgc tgttactgag gaggccctga agcgtttcaa    300
```

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```
tgcctgggtt gaggaccctg aggctaaccc cattcccgct cctctccgtg ttgctgtctg    360
gcgcgctgcc attatcaagg agcctacccg cactgttgaa atcctcaaga aggaatggct    420
caacaccaag tctatcgatg gaaagcttct ctccctcagt tttctcggca cggtccagga    480
taccgaaatc ctccagaagg atgtcattcc cttcaacttc aaccagtctc ctccgtccaa    540
cgctgtccct gctggaaaac atgcacgttc tgggtggctn tattgccaac aacgtcgttg    600
gcccgcccgt tcaagtggca attcatgaan gacaactggg atgctgntat taccaactcg    660
gcaanctgt ngttgtcgac cgatacataa accttagttt gaaccgtttt acggat         716
```

<210> 1457
<211> 470
<212> DNA
<213> Fusarium venenatum

<400> 1457
```
ctcctcgccc gacccgcgca aagccccgac acatacccaa ttggctcaag atggcgtcgg     60
gatatggaat gaacggcggc gtcggccgct gctttccctt ctggcaggag gttatgggat    120
gctatgttgt caacacctct gccgctgacg actccggcaa gaagaagtgc ggtctcgttc    180
tcgaggatta ctacgagtgc cttcaccaca agaaggagca cgctcgagct cttgctatgc    240
aagccgccta cgctcgctcc gagtccgcta cagcacgcga cgatgcgccc agtgtgaagc    300
aaataaggag tttgggactt atcgacaagg aggaagacac aaagaaggtc ctgggacgaa    360
gctagatggt ggaatgcacg atgaatgtta ttcgagcgac cttatatgct cgccggcttc    420
tttgtatcga tcgactgtat acaaaggaac ggaattgatt tgctcaactg                470
```

<210> 1458
<211> 526
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 1458
```
taagaagcga ggtggaactg ctgctggagt gcctcggccc ttgggagaat ccccttccat     60
caacggtgta gccaaggaac aggtatcgga taatgatgaa gattgctctg catgcggtgc    120
tgccggagat gtcgtttgct gcgatggatg cccgcggtca ttccactttg aatgcgtggg    180
gaatgatacc ctcggaccat cttcctgacg aatggttttg caacgagtgc ttgtncaagc    240
gatacccctc gcgcatgccc gccttcaagg gtgttttttgc tactgctctt accaacctgg    300
agaanacatc ctcgcgcctt cagcctcccc aagaaattac agacccgctt tgaaggcgtc    360
naancagccg ccgacngtga ttacnaagaa gtcattactt cccagacggc cagaaaaana    420
atggttntga agaattgccg acttttcaan cacggatgaa ggcngcagta ctctccncgg    480
tgtcaaaanc tgccccaatt ncccctatat ccgtcatgtc gccctc                    526
```

<210> 1459
<211> 773
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

<400> 1459
```
gtaggacgtc tttgttaaca gacgtttcta tagatgacga ggagagcgac gacagctcct     60
cctcctcgc cctgctgtt ggtgccgctn ccnttgctgc tcnccnccag ttcgacgatg    120
aagaagacga tggagatgtc ctagattctt gggatgccga tgactccgag gccgagcgtg    180
agaaggagct caaggccacc gaggccaagc agaaggctgc tgctgctgcc gctgctgcta    240
agaagcccaa gggtcagcga attgccgaac accaagctga gcgtgctcag cagaaggctg    300
```

```
aagctgagga atctgatgga tacgaagaga ccgagagcga gaaacgtgag cgacttcgac    360
gtaccgaaca ggaggccgac ctcgcacacg ctgccgacat gtttggagat attggaatta    420
gtgctggccg cgccaaggct cgtcccgcta ccgtcgtcac cgaccccaac gatcctacca    480
agaacggtga catctccaag atgcctctct tccagccaaa gaacaaggtc cagttcgaga    540
ccctccgtac gaacattgcc ctctcatcgt ggccaacgca aagagcgccc actactnctg    600
tttctncaag acttaccaan gcccttgcca aggagatgaa cagcgagcag atcaagaaac    660
ttgccagtag catgactgcc ctgggtaatg agaagatgag ggangagaag nttgttgcaa    720
ggcggcagaa gtaaagntgc aagacaagac ttcctngtaa ccggcgngct act           773


<210> 1460
<211> 580
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)..(580)
<223> n = A,T,C or G


<400> 1460
ggtcaatggg gctgcggtag gaggtttgct cgagccgatg ccctgggccg tcacttcaga     60
tcggaagcgg gccgtatctg catcaagcct ttgttggacg aagagatgat ggagcgacaa    120
cggctctggc aagaacaaag aatgcaacac aacatggcac aaagtatggc ggctgcgtct    180
agtatgccca tggatggtcc tgtctatccc atggacccat cgggttaacc cccatgctcc    240
cagcagctct ccttgcaca gtaccctgcg ctggctccag tttgaattgg tccacccct    300
gatgtttaat tccccgcatn gaanaataaa ttccnttgcc gttcctccnt ttgatccgt    360
gactacaaca aaaacacaac gcgatacttt nnttgcccct gaacagaatt tgcaaaggcg    420
catggtttca ggcttccgca aaaaganatc ccattaattc ngtgccggtt attcggcncc    480
ccctaaaaa anaaattccc taccaatnaa nttttcctg cccacttcta aactttttta    540
aaccnttccc ccacacccgc tttcnttctt cttcctnttc                          580


<210> 1461
<211> 632
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G


<400> 1461
gaatccattc gctcgtattt attctctttc tctttcttct tcttttcatc atgactagtt     50
tcatctcatc ttatctacct ttcanaaaat ccgaaaatac agcgaatatg gcgactcctg    120
agaccaacaa gcagtggacc accggccagg atggactcga taaactccag tttgganaag    180
gaaaggtccc gcagcccaag gatggagagg tccttgtcaa gatccatgcc gttggcttga    240
attatcgtga taccgaagtc atcaatggcg attacaacca ccacgcctct gtccaagaca    300
ctgaggctct agtaccctgt tccgacatgt gcggtactgt cattcagagc tcctctccca    350
agctcaagac gggcactcgt gtcatgtcca tcttcaacca gacccatctc accggccaag    420
ttgtcgaagc cganatggcc tccggctcca acttacctct ctccggtgtt ctgacagagt    480
accgctgctt cttcgccgac agcctcgtca cagtnccgga ttacctttct gaccaggagg    540
cttgttggtt gcccatcgca agccgnaccg gctggatgtg tatcaacngn atcgaacat    600
tgggtcaacc ccgccgacgg caacaagaag aa                                  632


<210> 1462
<211> 416
<212> DNA
<213> Fusarium venenatum


<220>
```
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<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 1462
ttcgcccgaa catctttgca caaataaatc agtcataatg gccgtccgac ccatcaccgg   60
tatgctccga cgaaacctcg tcctggatct cagcatcgct ctcggctccg gcttcgtcat   120
ggccaacttc ttctggtacg gcttccacat gccccgaacc aacgcccgcg acaactacta   180
catcaagctc gaggaggagc gagctgctca gaagaacgag taaagcaaag atatgccgag   240
tcgaagtcgg atggcataag caagggcata ggggaagttg gaagtacac atagaggcca   300
ctagccaatg tttcgtttgt cgtgtagctg ggtaaaaagc aaaataccac cacggcttca   360
accacatcga tcgctggcaa tctgtactgt angcaagggc aaccgaatcg tatgtg   416

<210> 1463
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 1463
atctggtcga agtaccgacg cgctttgggg caggatacct gcggaagctc tttcattact   60
ccgaggaatg atgagcattg acgcttcaaa acgattcaac ttcacccaag tacgccaaca   120
tccctggtat acgagacaca acgctctcct tagtgcggat ggtcgagtta cagatcccat   180
caacttggcg acgcagatgt tggagaacct ccgcatcgac tttactcatc agccaacatc   240
gcagccttct tccagcgaca atatggacct cgacactggc ctgaatgctg gaaagttctc   300
ctccactcaa cctgagacgc ccatcgccga caaggaatgg gattgggaac gcacaccact   360
gaagtccgtg gcttcaccag catcctcatt accgcattct cgtcgagcca tgattgatat   420
ccttgctgat gagccttcaa tgtcgcaatt ctcgcaaact cccggtccct tcatgactct   480
tacgcaacaa gcccgtcgat ttcgtgatat ctggcccccca gaatctntca cccggtcttc   540
tctgctgtcc caccagctna tatcggccaa atgctcagtg atgctctcat nancttaaca   600
tttcaagagg ccctgtt   617

<210> 1464
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1464
gcgataggtg ccgctctgcg agaccaacct aatgtcacaa ttatgaccgg cgaggctgtc   60
aacgatatcc agtatgatga ggccaagaaa caagtccaga tcaacagttt caacacccag   120
aacgaggaga aaagtaattc aaggcatat gacaagatcg tttcaacgct atccgcccag   180
tatatcgcc gactcgcagg cgataaagtg caatcgctct ccgccgcaca ctntgtttct   240
gtcatgacgg ncaacatctg gttccctcag gaaaacctga agcctcctgg tttngggtac   300
ctcatccag actccgttga accagagctc aatccanaac atgctctngg tgtcttcttt   360
gactcanacg ttggaactcg gtccaggac aaacctgctg gcaccaagct cttcgtgctg   420
atgggcggcc actactacga ccgtctggcg ttactcccccc cactgaggat gaaaccttgt   480
ncaagctcga aacctacttg agcgtcatnt tggtatctc gcgatccccc gctatgccac   540
aaaaaaactt tgnaaangaa tgtntcctca acanaatgtg ggccaccaag accttttgng   600
caacgccacc ttgagcttaa ant   623

<210> 1465

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<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1465
```
tcgacctcgg aatagactca ttgtccatat ctactctggg atacgaccac gaacgctcga    60
attttctacc gaatacgcgg ctatcgacct gtgactgatt gttagtattg agtcatcttc   120
agccgttggc aaatttgtct acacagaccc cgcccatagc tgagccgttt ccggactcga   180
cgttgaaaca tcaaccgacc atcgattgac taaagacacg gaaaaggagc agttactgct   240
ttggaaatca attgaaggag gagtcatttg tttcgtttta atacgtcaaa atgtcaaact   300
tcaacggccg ccgcggcccc aacgtgtcgc agtatctccg tgacctcaac gccgtcaacc   360
gtcaggagaa tgctcacgat gagcctttcc atatggagga agaactcgcc ctctttacca   420
acactcaatt ctttgatttt gagactggtc agaacaccga ctaccaggcc catcctgtca   480
aggtcgacat ggaggcttcc caaagcactt ctccttcnga tggaatgacc cngctcctct   540
gtcgtgggtg atatcgctac tggcactttg atttcttgca gggggantt              589
```

<210> 1466
<211> 333
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 1466
```
nttctcgggg gtgccgctgg tggcccttgg cangtcaagg tcggcacnga ggtctctctc    60
tacgctgtcc tcnatnttct taccaaggct gtcctcggcc tctggatcat cacagctact   120
cgccgaaacc gcnacatcac ccctgaaatt ggtggctact gggcccacgg tgctggtgct   180
ganggtacca tccgtgttgg cnacaacaaa aaggtgctta aacccatcgt taaaaatctc   240
gatcgcnacc gtggggctta tccgcattcg tcactatatc caaatatttc anctccacct   300
tgaatggtgg ttgcttcaca aaaccaacca acc                              333
```

<210> 1467
<211> 325
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 1467
```
ctctgaacg gcagcatcaa ggctgtcaac tggaagcgag ttttcctcc cgtcttctct    60
tggatcatga ccatccctat cgccggtctt atcgggggat gtctcatggc tcttgctctc   120
aacgcccctc acttctaaaa gcatcgcaaa cttatgatac ctatggggg atttganacc   180
aaatcgctca ttttattgat tggaattttc aacgcaaatg ggatgaaaag aatagaggag   240
tggatttgat tgcatanaat atcgtgttgg aatctttttt atagnnccct tgtcttacna   300
gttaattgat aaaagatncc ctttt                                       325
```

<210> 1468
<211> 344
<212> DNA

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<213> Fusarium venenatum

<400> 1468
cacgagcagt tcggtatcaa cccgattcgg tgcttctggt gcctacaagg acgtctacaa   60
gaagttcgag ttcacccccg agggtatcgc caagcgtgcg gttgccaccg tcgatttctg   120
gaaggatgtt cccaacatcc gatctcccat caaccgcgcc ttccagcaga tcatctagat   180
ctaaaataat aacgagtaaa aagaaacgaa ggaaaatagt aaaaataccg gtacaaaatg   240
aaaccggcca gaatgattat gatgatggac tttggagcaa ggttttgtgg atttcgagca   300
acttagacgt actacgagat gaaattaaat cttttagaac aaag   344

<210> 1469
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1469
gctgtctgtg tcatggttga cgtccttggt aattttgagg tttggcgacg cagcagtatc   60
cggcacccct ttggtctcga gagagccgag gtccttgctg gattcgccat gtctgttttc   120
cttctctttg gagggtttga cttggtgtca cacacactta agcatttcct cgagtctctt   180
ggcaaccatg aggctcatca tgaacacggt catgacagtc cagatggttc tattgacctt   240
gtgtctgctg ctgctatggt gagcacccta gtctcggcat acggtctccg aaaccatgct   300
cgtattgcca aacttctgcg tgtctcgtac cttgctgctt tgccaaagtg tactgtcaaa   360
ccccttccac ttcctcacgc tctcattctc cgctggtatt gctcttcttc cactcctctc   420
tatctcaatc tacacgtggc tcgaccgtct taattgtgct ggtatcgcct tggccatggt   480
tgccttggta tgcgntagcc gtcgcacaag ggccttatgc tactcaggtc tatgggggca   540
gtgatggcaa caacgcggtc agtgccgtcc tcnaaaaant aaaatnaac   589

<210> 1470
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 1470
gcggttctgca tgatatggaa ggtgctatga agatgttcga ttccgttgtc aaggagtctc   60
tcgtccccat cagcgccagc ttgtaccaag cactcttcga ggccatggtt gctaaccatc   120
aggttgctac ttccgagcct gtcctcgcgc acatgcgaag caaaggtgtg gagctgactc   180
cttacatcgc caacactta attcacggct gggccgctga gaagaagatc gaaaagccca   240
gggcatatac gatgctgttg gtcgggagaa ncgtgagcct agcacatacg aagctatgac   300
tcgtgcgttc ctagccgtgg ancaacgcna acaggccaag ggtgttgtcn gtganatctc   360
anncgcngct acccatgctg ttgtcacaag gttcttgaac cctggaaga agtcaccaga   420
aattgctgaa ttaggcaccn attgaaattg aatgttgaa   459

<210> 1471
<211> 430
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(430)

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<223> n = A,T,C or G

<400> 1471
caaccatcac cagtcacacg acacattctt ctctanaaat cttcaaaat ggngcgcata   60
aaagagagat atcttcttgt caacatcgtt tatccgcccn accctgcaaa ggctgtanaa   120
tcaaatttgc cagtctcggt tcttcatcac cagccaacca tcgaaaagct gactcctggc   180
gcactaatca agggtatcag agctgaagtc gcgtnattat acggtgacta tggatctgga   240
gcattgataa cctgctctgn gaaatacctt tcgttggcaa cctcaacttt tattctcaaa   300
tgttcaagag ctcactatca actgctnttg gccacattgc ctttatggat catgttcctg   360
agaaaacgga aatcgtcatn ttttgtgttg ngcgcntagg ggaacaatcc caagctgaag   420
aggagctttc   430

<210> 1472
<211> 256
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 1472
naagcgcgag cgcgctgcta aggacaagaa cactgccaag tcccagctca nggtgaacga   60
aaaggcttgc gacattcagt gccagatctg caaatctacc tttctcaaga ctacaaaggc   120
ccctgctctg aaagagcacg ccgagaacaa gcacggcnag gccatcgccg actgcttccc   180
taccttccaa gagtaaaccg antntgctgg agagccgcct ggacttgaga caacgataac   240
gatattccgg gtttna   256

<210> 1473
<211> 606
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 1473
tgacgctaca ccggcagaaa taaaaaagtc cttntattcg ctttccaaga cacaccatcc   60
cgacgccaat cgttcagatc caaacgcatc atctacgttc tccctaatct ccgagtcata   120
cactgtcttg tctgataagt ctcgccgctc agcctacgat cgagatgtcc tacgtctgca   180
ccatcatcca ccgcaaacag ccgctcaacg tggttcttac cattcccacc aggctggngg   240
acgcgcacct tcaggcttaa gtcgcaggag aggtaccttt cgcggcccgc cgcctagttt   300
ctaccggagt ggaggctggg gagaccaggc ggacaagcgt cgcaaggcgc atgaanaaag   360
tactggtggt ggcggcgcat cgtcgcaaga acaaggaaca tcacacagtc gtcatcagag   420
cccctggggt gacccttta aaccccacga gacctnttnt tatggaggca tgggaccagg   480
cgacnatctt ttgggcccaa aacaatgtcc ccnctttgac aaaaaaggta taccccaaca   540
cattgacgag angacgacga cntaaaaaaa cgatggcaaa aacgggccat gggtgacaac   600
aattt   606

<210> 1474
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)

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<400> 1474

```
ggcgggtatc tcaccttcct ccctatataa caattggccg caacattcag cacatcccaa      60
tcgcatcgac aacagctcca tcttttgata atcatgtctg ctcaagatta ctacggcggc     120
ggcggcggcg gctaccccca gcaaccccaa ccttcctacg gccctcccca aggccaatac     180
ggtcctcctc aaggccagta tgggcctcct cagggacaat acggtcctcc acaaggacaa     240
tactatggcc caccgcaagg ccaagctcct atgcaatatc aacaagcacc ccctcagcaa     300
agtggtggaa agggaggcgg cggcggttgt ctagcaagtt gtctggcagc tctgtgctgc     360
tgctgtgttg ctgaagaang atgtgaatgc tgcatggaat gttgcgaatg tctctgctga     420
gtgtncaaca ccgatcacca tggataccaa ttttacgata ccgttgatag gnnctactct     480
taaagagntt agacccagaa agaaccaaac caacgactct tattattgna tttgnaatac     540
ccgcatgaaa ccctgncntt tggatcttgg aaatgcttcg atatgaaaat gggntggagt     600
tganaagccc attggttgtg acggcccaat gg                                   632
```

<400> 1475

```
attgcaatct ccatttccgc agcgcaccgt tttattttct tcccaacaac ttggtgaaac      60
aacaaataag actgcgacta gtaaaagccg gccacaccat gtcgcaacga cagcaacaaa     120
gggcaccagc gccctcacaa acacaaaccg aaactccgac acaaacacca gagacaagcg     180
aacaggctcc tcaaattctg cgacttnggg gtgcacatgc ttccaacgga cgatccgtcc     240
agngggcgga ggatgtaata dacaacgaag gtcttggacg caagagttca aaagtgtgct     300
gtatttatca caaacctaaa gctgtcgatg agtccagcga tgaatcctcc tcagattctg     360
attccgactc ggaatctgat cgtgacggcg cacaaccagc aagtggtaaa cgtcangcct     420
gtggtcatgg acatgggcac aaccacggac gaggccgaan aagcggaaaa ngcaaaaaca     480
agaaagcgcc aagtncaaat gcatacaaaa aaagtgcccc agccgaaatn caaagatngg     540
tcatnaaaag cccagtnttt aaattaangg gggcgacgat cttcaattng aagggttaag     600
aaagatggcc                                                           610
```

<400> 1476

```
cgaattcaga tcggactatc aaatcccat caacactctt ttcgctacca aacaaccagc      60
tatcaacatc aaccaccagc accgacatca tgaagtactc cgctgtcgct ctcctcgcg     120
ccctcactgc ctacgctcag gcccagtcca tcgatattcc tggcgttgac gaggcctctt     180
ccatcattgg cgacatctct tcccgagttg agggtgcttc ctccatcatc ggtgatgcct     240
cgtctatcat tgaggatgtc tccacccgag ttgaagacga ggtctcttct cgcctcagcg     300
atgcctccac tgctgtcgcc ggtgctacca ctactctgac cgacgcctct accgtcaccg     360
agtctgctga gacgagagc gagactggat ctgacaccga gactggatcc cngccgtcg     420
acaccagcgc tcttgccagc gttacctcag ccttgccga ngcctccgag tctgttcagg     480
acaagctcga ctctctcagc tctgctgccg agactgccac cggcgctgct agctcctcta     540
tcgccgatga gatcgctggc cttacctccc aagctggtgc catcgccaag cagcgctgcc     600
ggtgctgcta acaattgcta ctgatgacaa cgc                                 633
```

<210> 1477
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 1477
```
ccagaaacaa aagatcctgc ctaatacaat tacctacgca accttgcgca ctttgcagct      60
cctagattca ctatcacttc tcacaatctt aaagcactgg agccaggatc tagattcatt     120
gtctctgtac ctgttagcac accatcatca cttgtttcac gctgatcgat ccgataaact     180
tcacgcctct gcctaagcca agacttgagg catttcacat tcgaacaaaa tatcgtcaat     240
cgagaacgcc taaaacagac aacgtattta cggaatgagc agcaagactt cgccagcgga     300
gctcaagacc cgcaaaagac acgactatcg tttcttcctt gagtatcgca cgcgttggaa     360
cgataatgac atgtntgacc acatgaacaa ttcagtctat aactttttat tcgactccat     420
catcaacgca tacctcatag acaattgggg tctccatcct ccaacngcat cacagtttgg     480
catgtgtgtt nncacccaca ccgacttctt ctcatcaatt gcatacctgc cgttgctgan     540
ctgcattgcg tgtgaacaac ttggtcgncc agcgtccgtt caaaaagcct c             591
```

<210> 1478
<211> 691
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 1478
```
tccgacacca ctacagcctc gaggattgaa gagcttcgtg atctaacctc cagtttacgg      60
ggtgctcgaa ttgacaggct ttcaccacag cgaaacccca tcatggcctc agcaccgcaa     120
ttgatcggcc tcgccaagtc gctgcctgct cctctgcagc gcttcttcgc ccgataccct     180
cccgccgcca tcctcccga aaacgccccc aagactcggt accaggagga gagaccgaac     240
cctttccgnt tctacaagca ccccgtgaca ggaaaatggc aggaccctgt gtactcgcat     300
cgtcgccagg ccgagctggt caaaatgggg ccccccacag cggtgtcgag gatctgctgc     360
ccgacacacg caaggccacc gagtacaagt tggctcatcg ggttgagcat ggtctgagag     420
tcaagggtac tggtgtggga canaaggtca agggtcatat tcacgaacga cacatgattg     480
caaagatgga gacaaggaga aaggcaatgt tggatatgcc cagtctnatc aagcgctgga     540
agagggtggg caaatacnga tggaccaagt tccccaaata aacaagactt cngatggaat     600
gactgntttc gtgcnccctg tacatttacc tatgtntttt tatgtaccaa aaatttntac     660
cacgatnttg gcaaacactt tgttcccant a                                    691
```

<210> 1479
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1479
```
tcgctatcca aatgtacgaa caggcggtat catgcgacgg gaccttcgac attgccctga      60
ctaacctcgc caacgctgta aaggacaggg gacgcattaa cgatgcaatc tcgtattata     120
```

```
aacgggcagt caactcaaat cccgacttcg ccgaggctgt ttgcggtctc tctaccgctc    180
tcaattcggt ttgtgactgg agaggccgag gtggggtcat actcaaaact gggagatacg    240
atcgatggca tgttgatggc gatggtcagc ttatcgatgc tcgagctact gggcatgagg    300
atggcctcgt aagccgtgtt gtccgcacca tcaatcgtca gttgagcgag gcatcacatt    360
gggggcgtgg tatcctcgac gataaccgta tcgctacttt ggcgcaacag atccaagatc    420
ttggcctggg cgaaccacac gaggttcagc aaggtctgag aaattggagg aacaagcgat    480
gggagggtgc acgcgtcgtt cgcttggtag agcgcgcgac tcgtgcaact caatggaagt    540
ggtatcgaga tcgntacata tcggctaacc aagcacccgn tcggtacact cgcatncgtt    600
tgcccaacgg ncttgcagta                                                620


<210> 1480
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G


<400> 1480
ccatcaccgc acactttctt atccacaaca ctcataatgc ctggaattcc tctgcacgcc     60
cttgacaact tcaaggccaa gctcaaggcc gccttcaaga agaaggacaa caaggaagaa    120
gccaaacccg ccgagcagaa gcctaccgag accaagcccg ccgaaaccac acctaccacc    180
accgagccta ccaagaccga ggccgctcct cccgcgccag ctactgagcc tgctcctgcg    240
gccgagcctg caaaggagac caagcccgag acagaggtca agcctgaagc tcctgcggct    300
actaccgagc ctgcaaagac agaggaggct gctcctgctc ctcctactga acccgcaagc    360
ccgaggccgc tccggcaccg aacttccgct cccgtccctg agcctgcaag acngaacccg    420
ctccggctgn tgagctacct gctgctccgc cgtcccgact gcccagctgc tgaactgctg    480
ctgttccact gttctgccgc gactacttgt tgcccagttc cgcacccggt ggagccctac    540
agagctcctg ttgaggttct aaggaaaaga naagaagatc ccctgttctc cgttctgccc    600
cgnggctttg ttaacaaang                                                620


<210> 1481
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G


<400> 1481
gtaggaaagc attggtgaga atgggcgccg tggaacggtt gtaacctttg gaagtattgg     60
ctcttggagt ggtggcgcga catactctgt ctactccatg gccaaagcct gcgtatcctc    120
tctcgcagag tctcttcgng aggaactaga gcctttcaac atcctcgctt cagtcgttga    180
accaggatac ttccgcacca gcttcctcaa ccctggtgtc aaggtagnca ccaagaaccg    240
catggatgtt tacaacgatg agaacacatc cactggcaag acacgcaagg ntttggagaa    300
gagggataac aaccagcctg gcgatgtcaa gaagggaaca aaaatcattg tggatatttt    360
gacgngaca ggtgttggaa agggaaaaaa agtgcctgtg caaatcattc tgggcagtga    420
tgcggatgtg tttattcgan ggaaaattgg cgaggcgctg aaaattttgg atgactggaa    480
nagtgtgact gtgaaccccg atatcacaaa atgagggact gtaataantt ntgtcttaca    540
atcgngagtg ccgactggng tcaaattgan aatancccat gcctcccaa aatagnttt     600
tntgggcgat tttcn                                                     615


<210> 1482
<211> 574
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1482
ccacacttac ggatggttca gcaggtgaag gacgaagacn aatccagcat cgacatgaat   60
attgaggatg gattatcatg cgattcacgg ttatgataga gcaagctttg acacaccaag   120
cacacaccga ctaccgacag tatcagcttc acaggccctt gacgacattg gatgtgacgc   180
gtcaactcac ataccaactg gtctcgaaag cctggatcgt tcactcctag gtcctgtagc   240
tttcgactcg caagatgcag cggtaaaagg tggtgttcaa cgaggccaag tgacagagat   300
ttggggacct ccgggttccg gcaagacagc attgggccta cagcttacag cgaatgcgct   360
atgcaatggt gatgcagtag tctggataga ttgctttcag gctctgcagc gagacaggct   420
gaggacggta acaaaagctg cccaagctcg tcgaaatggt ccatcatcca cagaagttga   480
ggcaatacca gctcgggaa gttgatgctt ctcaattcta ccagtactcc tgttttacac   540
ttcctcattt gatttctctc gtgtcgagac ctac   574

<210> 1483
<211> 256
<212> DNA
<213> Fusarium venenatum

<400> 1483
aagatgctcg tcgagtcatc cgatgagcct gctcaattgc gaaagaacgt tactagccct   60
aacggcacta cccatgctgc acttgtcagc tttgagaact cgggattgaa ggagattgtc   120
aacaaggctg ttaaggctgc tgctgaccgt gcccaagagc ttggaaagaa ctaagttatg   180
acatagatac gtcgcaacga catgacaaaa taaaaaaaaa agcaatctag tttaatacat   240
cctacatggg aatgtg   256

<210> 1484
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 1484
gcgttccatg ttacatgtgc tcggagatcc cggctgtttc ttaaaatgaa gacgagtcag   60
ggtgccctcg ccgtattgga cggcggcatg gttcttaagg cgttctgcga caagcattgt   120
ccgcccgact atgcacagga gcataacatt caccaggcca caaaagccgc caagaagttc   180
tacaagagaa ccatgagaaa tcgcatctgg gccgacaaca ccgtcactgc aaacaacatt   240
gccgcgcggc accgcgatgc gctcgctgaa caaccatcag acgaatcgca gctcacagga   300
aacaagaatt ctgcttctgg tgacaagaag aaagggcagc ccccaaagaa cttgtggaag   360
atgccttcag gtgcgcccgt tataccccag gtagtattcg agatcgtgga ggcttcaatc   420
caaagatttc cttccgtaa gcgtaaggat ttcttgagtg aggcatgtcg ctactggacc   480
ctcaaaggc agaagcgccg tggcgctgca ctcctacagc gtctgcagct ccagatggaa   540
tcgttttcct caatggagtt aacacgacga gacttcgcgg caatgggcca agcgnaagg   600
cgagattgac tcgacgtatc gaattcgccg aaga   634

<210> 1485
<211> 532
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 1485

```
cttgtccaag gagccgccct ttcatccgtc agtgcacatg cggagcctct cgtatcacga      60
ctcggtatcg tttctagcaa accgatcatg ttgccgagaa tcanacaatt cgacttcact     120
cttgccgtgg ctgtcaagac cgnttgggcc atagtgctga nccaccacgt cacaagcaat     180
gatgttgtct tcgcagatat cctgacaggg cgaactatcg tgcacccctc agtcncagat     240
gttgtcgcat gttgcgcaag agcagtacca tgccgggtta cttacgaacc ggagtggacc     300
gcgaagagac tgcttgaaca aatcaaacag cagcaagtca acagcatggc acatgaaggt     360
ctcgagctcc agcagattgc tcaacgattc atgggctggt cggaagaagt cgaatcanat     420
gcaccagaca tgcgagtcag catggtgaat cacacaaagg cgcaaaaaca aaatatgtca     480
cttggctcta caatttacna acgaagtggn tgngggcctg aacaagtntt ac             532
```

<210> 1486
<211> 666
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

<400> 1486

```
cagtgacctg tgacaagtag ctgcaacttt accctccctt gtaatagcgc tgttcgtttt      60
taaccacgta cacatcacca actacgaacg agtcgctcgc tatatcagtt caaaacaatc     120
caacgatcga ttactagttt ccacaatgtc tggctcagga tacgacgccg tcgtcgacgt     180
tgacgatgag ggtgacctcg gccacaccga cctccaagaa gatctcgaat tccacacgtc     240
caacttcaac gacacaaatc ccaacacccg caagcctccc tctggcggca gcagtcttcc     300
tgcgccggtc acagcttcga gcggctcagg ttcatccaag cgcttcctct ggagcatgaa     360
cttttatgcg cagttcttcg atgtcgatac ttccgctgtc ctgtcccgtt gctgggccgc     420
tctctttccc cgagcaaact tctcgatgtt ctcgagggca accctgattt atacggaccg     480
ttctggatcg ccacaacagt tgtcctgatt ctcttncttg gaggnacaat cagccagtat     540
atgtctgata cnggcaaggg accattcctn tacgatttca aagctgntga gcggcgccgt     600
tgggcttaat ntacnggtac acccttttna tncctatggn tctgggtnct tggncctcaa     660
atactt                                                                 666
```

<210> 1487
<211> 576
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 1487

```
ccagtaccga atccgagtc atattggatc agatggccat tttattgtgt cgtatgatct      60
ataattgagc cactacttct cgatcattac gactcaattg ttgtcctctg ttcacctttta    120
gaacattggc ttctatcatg gcgtcctcct tcgcccctgg gttccggagg ttactcttcc     180
aggcctcgat tacagcatcg gggccttcaa agttcttcgt atgcaaccaa tatcttcgaa     240
ctgctccccg gagcatgccc tctcgagttc ttaacgccgt ccgatcacga tcctacgccg     300
atgctgccgt gagcaagtca attggatcca ttgccgagca ggcttctgtt cacgcatccc     360
cnnntgtttt traaactgtc aagaangtat ggcctgaatc gaatccaag ggtgttggtc     420
tctggcttat tgggcagtgc tgttagtgtt tttggtatcg tcgttttgg tggtctgaca     480
cggttgaacg aatctggcct gaantatcac tgaatggana cctgttatcg gttcgcttc     540
cccatgtcta aggaggatgg gaatccaaat cgaaac                               576
```

<210> 1488
<211> 798
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

<400> 1488
acactcgtta acaatctcgc ccaagtcact cacttgacca cactcgctca ctccagcaaa   60
actcgcattc gctctccaaa actcactcac tctttgaagt atccccaaaa caaaatcaac   120
cttttcaagat gtacgccttc aacgccgcgg ctcttctcgc ccttattggt gccgctgctg   180
ctaagcccac cgcgtctcct gctcccatgc ccactggaag caagaacggc acagtcactg   240
tcaccagcgt cgtcgatgtc tacaccacct actgccctgg acctaccagc ttcacatggg   300
cggcaaggac tatgttgtca ccaagcccac cactctgatc atcactgact gccttgcacc   360
gtcactgaga ctcaccccgc tggtcctact tggattcccg ggcaccctgg ctacaagccc   420
gggcaccccg tcaagcctga gcaccctgag aacgagaagc ctggcaagcc tgagcacccc   480
gtcaagcctg agcaccctga gaacganaag cctggcaagc ctgacacccc gtcaagcctg   540
agcaccctga ngttgagaag cctacaagcc cgagcacccc gacgtcgaaa agctgagtac   600
cccgncaagc cttgacaccc ccganggtga naaagcctgc cangctgagc accccaccaa   660
ccccanaagc ccgaaggnga aaagctggca aggncaagan gtccccgagg agcccgttgg   720
tanntggccg gggccggggg cattccaant tnggaatcgg ccttgtaacc ttctttgggc   780
ttatngggtt tggaanct   798

<210> 1489
<211> 926
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(926)
<223> n = A,T,C or G

<400> 1489
cgccaccatc caaataaaac tatgtccaac aaagactccg tcgtatatna ttacctcgcc   60
atcggcaagc ttggtcgggg ngaacccatn aaactgnttt tggaggatgc aggtattgag   120
tatgaggagc gtcgntacgc aagagacgat acttggcccg aaaccaaggc gaagttgatc   180
aagcaaggtc tgactaggaa tgggcaagtt cctgctnttg agtacaaagg ccatgctata   240
actggccatg tcccgattct gcgctacctg tctcgtgatc ttggtcgata tgatggtcag   300
agcaatgagg acaagtnttt gacggacttg gtatcanaca tntatgttga ttggagggct   360
caatgggtga gaaacctcaa ggagggcccc cgagaagagt acaaggagac tgctgcccct   420
cantactacg atctcatcgg acagtattac gccgatcacg agggacctta tcttctgggt   480
aatgagatta ctacaccgac tttctcgtct atgtctctat tgataacgat gctcgaacaa   540
agacactccc tgagagcttg ccagaatctc ttgtcaaatt caaaggctgc tttcgaggct   600
cgacccaagc ttgttgaata catcaagcag ggataagctc ttcacgtata agattaatan   660
acccaaatag attctgtgtg gccatcgctc accgagccct cttgatttcc tggcctttga   720
tgcacaaacc acaactcgat tanaaagtct cggatctgac tcatgttgac tgtgngggct   780
cgccaccgtt gagcttaagc atcaatgtac ttaatatgtg acttttttcta tgccacaaac   840
gaatcacggg tacacataga gggnacgtgt tcacacaaga tggatatgga agcatagttc   900
agtcaattca aaagtagtcn cccgan   926

<210> 1490
<211> 913
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(913)
<223> n = A,T,C or G

<400> 1490
gcgaagagca agccctagtc aaaagcctga ggacgctcta gcaagtgcca ccataccaat   60
cgatgtgccc tcgatttctc aagcagaacc agatacagct gctcctactg acgcagtaga   120
ctccaagtct gatgaacctg ccgataccgc ctccgacgaa cctacccagg ctaccgacga   180
accttnaaag gcatctgcta ctgatgctga gcctactgcc gatgaatccg nanagaccac   240
tgccgcggat ccttctccca ccgaggccag ccctactacc aaagctgccg agaagtctac   300
cgctgntgat agcaagcccg ccgagacttc tgctccatca cccaccgagg ctaccaacga   360
cgccgagtct actgccgctg cttctgccac tgatgagaat accgctgccg agtcgacaaa   420
ggcagttgct tcgcctacca ccactggcgc caacaacagc gaggaccaaa cgacgacnc   480
tagcagcact gccgccggta gcgatgagga ggccagcagc actgccggtt agaaggatac   540
ccaaacaacc ggtaagccaa gtcacctttt acacacattt gttgtagtta cgaaggacca   600
acgacaatgg tgatcttgag accatgacct ctacgagtgt ttctacctca acacctggac   660
ttagcgatgg cgatgatgac ggcagctcct ctggcatgtc gaccaagacc gcaatactgt   720
catcggcgtt gttgtcggta ttggtggtgc cattgtcgtc ggtgctcttg gtctcgtanc   780
tgganaatct ggggaccaag aagcacacga aagaaccgac ggactcatgg attttgacga   840
atccaacaag ccgcccnaac agcaacggtc cttaccacag tgttgaaaaa nacgaagtac   900
acagtgttgg tan   913

<210> 1491
<211> 657
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 1491
gccggcggaa ccaaggggtg atcggatcgg cggaaatgaa ggcctgcggc agagtgcggg   60
ccttctgttt tgaggattat aatcagagta tattgaaagt ttcgcgatct tttcgtataa   120
ttgttttagg catagtgcaa tcgataagct tggctgcagg tcgacggatc ggcatcatag   180
ccccaggtgg tgaaatcggg ggcagcggcg aggcccacca gcgcgcgcgc cttggtgccc   240
agcgcctgcg ccaccagcag catgagccag ccgcccatgc tcgacccgat cagcaccact   300
gcgtcgagat catgcgccgc gaccagcgcc acgacctcgt cccgccagcg cgacagcgtg   360
ccttgggcaa attcgccttc cgacaggccg cagccggaat aatcgagcaa caggcaggca   420
cgccctgtg ccaccgccca atccatcacc gcctgggnct ttcccccgc catgtctgac   480
atgtagccgg gcangaacac caacgccggg ccaantgccg ggcacaaagc gggtggcaag   540
gcgcaaggcc gtgcgggccg ggggatgaag ccaagggggc ancggtgtgg tcatggcgct   600
cgtgctancg atagcgggcg gnatatgtcc acaggcactt gagcaacctg cctgcgn   657

<210> 1492
<211> 470
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 1492
gttttcgtca ggattggcaa agaactcgat tcttgtttcc tatctgcgta tngcccctgc   60
tcactcatgg cttcggcgtt tgacctatgt ctcaattgtt attgncacca cacttatctt   120
tgcctttctg atcgtactat ggacgcaatg cacacctacc tctgcctact gggccttgac   180
aggaggtgac agttgccatc cggaaggtcc cggtgtactg agtcaancaa tcacaacagt   240

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```
tctgaccgat cttctcgtct qcgctctgcc cttgcagaca ctatttcaac tnaaactccc    300
tctgtcacaa cgcatcgccc tcatcgcgtc ttctcgctag gtctggttgt tgtntttgcg    360
gcctccatgc ncgcatatta cactcattgg gtcaccgaca aaacgtacga tgttacctgg    420
gaggggttnc acctttggat ctggaccgct gangaaacta atctgggagt              470


<210> 1493
<211> 671
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G


<400> 1493
agctggggta cctgagggtt attgccaagg tcgatagcca aggtcgtcca cgttgggccc     60
ttgctatcac atgcggagta ggcgtcatac tcacatacat caacttggcg gctggcggac    120
gtacagcctt cacttggctt atctccatta caagtgcctc gttcttttgt atgtggatca    180
tcatcgcgtt cacatccttc cgattccatc gtgcgctcaa gctacagaac gaccctcttt    240
ttagagagcc atacgcttgg aagtctgttg gctggcccgc tggctcctac ctggctcctt    300
cgccatttgg gggttactta ctgttagttg ctttgccatc ggaaatcaag cctctgggcg    360
gnggaggctt tactcccaac aacttcttcc agtacatcat ccggcattct tatcatcgtg    420
ggtttacagt cgggtataan anaaatcatg cgcacgccgt ggcggtgaac ttgctactgc    480
cgatttggag gacagggaag acccatctta ncgttgaaga naacaatcaa gctggacgct    540
tactactcga tgtccaagtg gaggggcttt gggaacctac ctccagcttt ggtgagaaat    600
gcccaacttt gcatnggatg acttcnaact tggnataana ttggagggta tgtattttct    660
tggcactttg g                                                        671


<210> 1494
<211> 567
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G


<400> 1494
caattcttga gtgcaggctc caacgatttc aaggcacgta gtgtcggcac cacggcatgg     60
attgcaagcc ctgctgagac cgtcgaactc cttgacgagc tagctgatat gatgcaaaag    120
aagttgtctt gattgaatgc ttgatctgac tagcggccaa aggttaagct tttggcatac    180
gactatgctc gatactgtca agatangcag attgccggtt tatttcanga gaggtctttc    240
agccgcaatc cgacgctcac ctaagatgga tgagtatgcg gcgccacgaa aagcgcaaat    300
ngacacngac aaggagggtg aatccgaaat agcgtaatag tttgcaaatg ttgacccacg    360
cttggnaatg actttgccct nttcataaaa agaaggcttg gtttggcgct taanttttcc    420
caacactggt tggcttgctt ctatancttg gataagaata ttatnggccg acatgggngg    480
tccttttttg cttaaatatg accccccaat gggctttttt gaancgtcga ttntctaccg    540
gaatntttaa aagaaaatct ttctaaa                                        557


<210> 1495
<211> 282
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G
```

<400> 1495
```
gaagaattct cggccgcagg aattcctttt tttttttttt tttttttttt tttttttttt      60
tttttttttt tttttttttt tttttttttt tttttttttt tttnnnaana aacttggttc     120
tttttttact caaaatatac caatactact ttntgccatc acnctgagtc cttntgggnc     180
gctnttttgc tatgctgnag ccctacccct aaccctgcgc attgnatttg cagtaatcaa     240
agttgttaac cctgttcccc gcccattntg ggaatgcaac cg                        282
```

<210> 1496
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1496
```
ctcgaaccga atcgacctgc gacaacgtcg atatcatgcg cttctcaatc gcatcgtcac      60
ttctttttcct ggtgagtgca gctagcgctg cctcgtcttg gagcttcaaa gatggctccg     120
ttaccgtcgc ctccaagcaa ggacacggcg ctactgccaa attcaaaaac caggagccag     180
ccaaggatgc tcttattcta ggaaaggcag ataccatcaa agtctcattg actacgaccg     240
aagacagtga agcgaagcga cctcaccagg ccttcatcgt cattacagag tcgactggca     300
tcgaagtcgc cctccctctg gacatcaagt cctctggaaa ggccgtggcc tctttctcgc     360
acaangacct ccctgtcccg ttgctcctct ccgacgaact cctcaaggtc aacctcgtgt     420
tgggctcctt cggctcatcc aacccctcat ctctcccgtt ttcaacattc agatctatca     480
tgtgcccaac actccccttc ccacatttga acctcccctg cgttacnaan ctcganacga     540
natccaccac atcttccagg gtgggganaa gaanccncct atg                       583
```

<210> 1497
<211> 440
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 1497
```
aagcccaaga ccagccacac cacaaacaag gngcccttc tcatggccaa ctaccccgag      60
ggttggagcc tcaagaagac caccgagggt gtccttggcg acgttgcccc taccgtcctc     120
gccgccatgg gcctgcctca gcctgaggag atgaccggaa agtccttct cgagaaggct     180
taattaagat gatgatgatg atgagcaaac ataccttaaa aataaaatga tcccaaggga     240
tgatgtagta gtattagcga cttgttgatg gctgggcgat gggcgtgggt gtgggctgtt     300
agttcttgat acgtgctagt cgactgcatg gctttggagt tgatgagggt tggaagctac     360
cctcggctga atagacctag agtcgagagt ttttaaagga gtaaaattac taagaataga     420
gaattataca ttatttctca                                                 440
```

<210> 1498
<211> 435
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G
```

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<400> 1498

```
ncctgatgtt cccatcattc ccttccctca aaatgccagg acaccaccgg gctttttttac      60
cactgattag gaccgngacc acatttaagc agcgatggng acctcaacct cnacaccggc     120
cttgatgttg acnatgacgg acttgacaac ctcggggggg gcgtggaggt cnatgaggcg     180
cttgnggacn cgganctcgt aanantccca agtnttggaa cccgccgcta ctccttaggg     240
catttgtttc taccntgang gcgaagtatg ggtgaaacnc ttgancccat ccatttttag     300
ggctagacat tcggnagggg agttggtaca caagtnctta agggattncc actttcatgg     360
ncccgncctg ggtggaaaaa ngactaaccc ttttggggggg ggtgaagaag cggttacttt     420
ggcccccttaa cctcg                                                     435
```

<210> 1499
<211> 610
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 1499

```
cacaaagagt aggaggggggt gctataactg caagagaaga cgtatcaagt gtcaagagac      60
tcatcctgca tgcggtcatt gtacaaagac tggactcaaa tgcgagtatc cgtctacgcc     120
acagatcatt catcagccac atcaacagat tccattgttc agtctccagg atatgcgctt     180
cttccagcac tttctaacac aatgctatcc tcatcatcct ctaaaacaag aggacatctg     240
gacacacgaa ataccttgta ttgcccacaa caatgaatac ctcatgcatg ccattctcgg     300
cttctccgca tccgaactca tgagaaacga ccctagcatc ttaccatcag ccatgaacca     360
tcgcatcaaa gccataagag ccatcaagaa acgccttgca gaaactacca aatcttcaat     420
gaactatgaa gaagcaaatg ccatggtagc tacctgtttt gccctgacat ttcaatctgn     480
cancctcgan gacggactgg ccgaatatnt aacttttatn cggggaatca tgattgnang     540
aatgcaaatg atgtttcggg gtatnaacct atntttgana atatgcttga caggacagga     600
ttactggttn                                                            610
```

<210> 1500
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1500

```
ccaaccgcga agtgctcatc tttggtgacg tcgaaccaga cagcatatca cttagtccga      60
ggaacctgca aatctggcaa gaagcagcac caaagatcgc ttcgggaaat ctcaaggcta     120
ttttcatcga atgcagttat gacggactcgc agagcaacga ccgcctattc ggccatctga     180
agcccgtatt tgtcatggaa gagctgcgtg cgctggctac cgaggtgaat accgttcgca     240
gcatgcgtaa cgctgattcc aagaagcgca agcgcatgag tagtacggct gacgaaggtc     300
ctcgacggaa tccctcgctt gccaacttca catcggaaga cccagtgtct cccaagacgc     360
ttaaggcatc aaagccagac ttcgtgtaca caggtcccga aacaccttcg acaccgnacc     420
ttgctacacc aacagcagag ttgacactca acccgtctga ttcgatcaca tnnggacctg     480
cgaatangag ggctctngga nggctttaaa atcggcatca ttcattgtca anggcccgct     540
agacnaatgg tcccnacgtc ggagatatna tacttggngc caattggaca atcacgagag     600
gcgaggngca atttnggtn                                                  619
```

<210> 1501
<211> 619
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1501
caagaatctc tctcatactg ctaaatataa acagcacatc tacgctctca cactatgtca   60
gtaaccagcc ttcaatacga ttctgaattc gctgaggcat tggccctcat naaatccggc   120
cgccctcga tccctcccga dacagctctc gacattcgtc gtaataatca cgccttattt   180
gccaaagtat tccctaaacc accaccttca gataccatca agcagacgga ctgcagcgtt   240
aaaagctacg atggngcgca natccttttg cgtcgttatg tcaaatcaga tatcctcaac   300
gccaaagtac ctcaacccgc aatcctagca atccacggag gtggctttgt atcangcgct   360
gtggagatct gtggtggact caacgcaaaa atggccttna aacaancagg ccggtgtttg   420
ctgttgacta tcgtcttgcc ccgaacattc gtttcccgca ggggnggang acagcttcgc   480
agcggtaaag ttttttaaa gcacgcagca aaactnaaca tttatcctaa gcgcatttgt   540
gtacanggaa aaaagtgcag gcngqqgaat aaccgnggga actgtgctna tgggcanaaa   600
acananagct caattctct   619

<210> 1502
<211> 432
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 1502
gattcttgct ctagtctcta ataacgacag ccaacatgaa gtttagactt ggtaacccgg   60
ccgntatggc cgaaacacct agcgaggtgc ttaactggcg tctgtactgg ancacctttg   120
tctttggtat cctcggtgct agccgtggac taaatgaagg tctggtcggt ggtatggtgt   180
ctctcaaaag cttcaaggag gaattcaatc tcgacgctgg ttctgaacat caccaanccc   240
aagtggagtc caatattacc agcatggncc aaatcggttc catcgccggt tcgctactag   300
cattttttcat ctgcgacaag atcggccgtg tacaatcact ccaagtcctt tgcctgctgn   360
ggctggtcgg attcatcatc gtccgagacg agtcatggaa gcgttggtca nnttttagtt   420
gccnctttat tg   432

<210> 1503
<211> 508
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 1503
gagaattgaa gaagctttgc anggcagtac cgactactac ctttgaggga gtgcagagtc   60
gttcaggatt gcggctcaga tctaccttcg ttttgtttgt tacgacacct ccattacgca   120
ntcatcaatt ctcgagctcc acgaacaact cctcttgtgt cttctgaca tcattgtcaa   180
aggacaaaag agacgatcgt ttccaatgtg gcctctcttt ttggctggtt gcgcatgttc   240
ttctgaccaa caacgcaagg ttgtgttgga ccattttact ctgttggata gtaaatggcc   300
tgtgagcaac atttcagcag tttggaatgc tcttaaactt atatggcaca cccgcgactt   360
acaatntacc agccaggatt ggagagaggt gattaaaaaa tttggatgga agntgtctct   420
gtcataaatg gttagctata gaatggttcg cttgtgtgta agatctttcc agtcaagtat   480
caaacnggag actgcgcttt caacgctt   508

<210> 1504
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 1504
```
gtcgctcgag aggagaggtt ccatcattga ccttctcgtc atcgagatcc ccccgaatgg      60
ccttacgccg cgaaatgccg acctcatggc tcttttgctg acttcgcgat ctattcatgc     120
tgcgacgctc aatacactct atcgtcacat tacgattcct cactcacgaa tcttccgaaa     180
gtttcttgcg accatcactg agtaccctgc tctcgcctcg atcgtgcggc ggctggactt     240
tagccacttc aacccctcca ccattttctc gactgcgagc gagcgagctc agactcgaaa     300
cttgacctcc gagacccttc ataaatgtct cgagctaacc ccatacctac aggagttctt     360
ggccaggag tacatcgatg aggatcttgg acctgaagta gtcaaaaagc tcttttttcga     420
tatgccccgg ctccaagccg ttgatttcgc cggctgctcc tcacctttct tcaagaactc     480
tttcaacagc ctcctccagg aacagtggnc cgactctctg acacttactc gcgtttcgtt     540
tcacaagtgt tctgaacctg ccaggatctg tttttgaagn tatc                       584
```

<210> 1505
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1505
```
ccgccgtctc ggccaacgtc aacttcatgg ccaaccccat catgaagcgt ggtgctctcg      60
aggctcgcca gaccggcctc ccttccctcg gtgacatcag cgaggagtgc cagtctgccg     120
ttatcgacat cgcccagggc gtccctactc ctgcccctga gatcgtctct gatctcctcg     180
agaacccccca gaccgacccc tgcagcttca gcacccccgc ctctttttca gcgagtacgg     240
ngctacagct cctccatcat tgcctggnac gccaagaacc aaggacgaca ttatgtccgn     300
tgtcaaggag tgccccgagc ttggtgagct cgccagcttg tcccggtttg ngaggccttt     360
ggtactgccg gcccttctt cccttaatgg ctttgccaca acggttgtng tnctccgggg     420
gttttttttgg cggaaaaana ttgccaaaac ccccgggggt tttttccaac tttgggggng     480
ttaccccc                                                               487
```

<210> 1506
<211> 513
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 1506
```
gccagacgtg acaaagtcaa aaaatggccc aaaacgggct cgcctaccgg catcagacaa      60
gaggtaccct cggaaaagaa gtttaacggc atgtcntgta tgccgcgcca cgaagacaaa     120
gtgcgacaac gtgcagccta catgtggtt ttgtgcatca ttgaatattc cttgttctta     180
cgataacgct gagaggaatc tttcgcaatt tgatccagct agtttggaaa tccttcgcca     240
attggggcag atcatcagta cccaaaatga acttacacac acagttcggt ctatcgccgc     300
atcccaatct catgtagcat tggggccagg tgcatctcaa gatcaactac gcttccacgg     360
```

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```
tagtctaagc acagatgaaa cagtacaacc gcagcatgag cttcacctga cagactggtt      420
tgcaggacag tcagattcag cttcaacaac gccatcctca tccgcaagtg cagctgcagt      480
tcaatggttc ggaattctag cttatgacgc ccc                                  513


<210> 1507
<211> 431
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 1507
gcgttggtca gcattggcca aaacaatgtc atcgctctcc ttcaagtcat atgcacaggc       60
tagctcactc ctgccccagc tatcgggcta ctcagatacg cccagcact ggcagccaaa       120
agaatcgttc gattacagtt tcatccaaat cgaggctgat gatgaaccgc atgtcatcga      160
gactgacgtt gtcattgtcg gctctggttg cggtgcaggc gtgtctgcca aaaacctagc      240
agaggctggt cacaaagtcc ttgttgtaga caaagcctat cactaccctg ccaaacacct      300
cccatgtcac aggaagcagc ctgtgctcat ttgtatgata agtgggggct tcttcacgac      360
agaagacttt ggagcgaccg gtgactgctg gcacacttgg ggtggangan gcacggncaa      420
ctggattgtt t                                                          431


<210> 1508
<211> 876
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

<400> 1508
cttcgctgct ccttcagtcg ccgcttggca agctgttgcc accgctgtca ccatgcccag       60
catcccctc tcaccgcttc tgccaaggct tctcaacttg tctacggtgg tatcaccaan      120
ggcaactttg ccatcaagga tgctcagcga atcaacctta tcgctggtaa catcgcctcc      180
ggtactgctg atgtcgccaa ctcccttgtc agcgacttcc gagttggttt cctcctcaag      240
antcctccca agctgcagtt ctacgcccan gccatgggaa ctgtcgtctc tgtcttcctg      300
gctcccggta tctttgttct cttcatgtcc gcctacctt gtgtctacaa gcccagcgac      360
gaccccgctg atatctgccc cttcgctgct ccttcagtcg ccgcttggca agctgttgcc      420
accgctgtca ccatgcccag catccccatc cccaagtcct ctgcttactt ctccattgcc      480
atgggtatcc tctgcgctgt ccaggctatt gttaagcact tctggctcgt tggctctcgc      540
gagaagtacc gagactggct ccccaactgg atgtccgtcg gtgttgcctg ggttctcggc      600
cctgactctg gctacgccaa cgctatcctc ttcggttcta ttactgcatg gtggtggcgc      660
aagtacttca acaaccactt tgagatgtac gcgttcgcaa tcgctgcagg attgatcgct      720
ggagaaggtt tcggtggtgt catcaacgct gctctcgaac ttggaaaggt ttccggttcc      780
ttcaagggaa ctgaaattgc cctgcccggt gctgagtggt agatacaata gataactgtt      840
agttaatgtt gttatgancg ttttgaaagg cngtgg                               876


<210> 1509
<211> 767
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G
```

<400> 1509
```
cacaaactca cacatcaaac tctaacctaa ccgaaaatgg gtgtcggtcg cttttttctgt    60
gtgctattgc cgttcgcact tacaatcggc tccatcatct tcctcctcgt cggtgccctc   120
gccggtgtcg ccgacaagtc tctctacatc ttccgagtcg atgttgagga cctcagcatc   180
agccccgccg atgtcgacaa catcatcgac aatctcgacc taaaggacct caagctcagc   240
actcgcgatg tgccccaact catgatccgt gccgaggatg gtgctcccat caaggataac   300
atcaccgcca agatgctcgg tctcgacaag tactacgaca tcaacctctg gggtttctgc   360
aagatcgacg ccgatggcaa gcgcaagtgt gagaagcctc aatttgactg ggccagcaag   420
tctctgaaca catctactct cgttggtacc aacaaaaaca ttgctattga gctccccgat   480
gagatccaga gtgccctcaa ggctttcaag accgctacca agtggacaca ggttggttac   540
attgctgcct ttaatgctct cgctgctgaa atcgtccctg gaatcctctc caactgctct   600
cgtaatggct cctgcttgac tggattggcg ctggtattgc acctacctcg taatggtccg   660
ttgtccacaa gngtcaaact ggtacgtctc gggctgttag gctcgcaant ttangggtca   720
aggccatcaa ggcgttttgc cgngcncacc cgngcttgcc ctgggg              767
```

<210> 1510
<211> 525
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 1510
```
catatatcca tcttgaagat atcccaccat gcgtagccaa atcctcgcct ccgccctcat    50
ctcggggggcc atggctgctc gtcctttcct cgagcagccc gacactggtc tcgagatggt   120
ccttggagat ctccccaagg gcgaactccc taagctcgac cagatgatcg gcctccccga   180
cttcgagtgg gctgcccaga actacctncc tatcgagaac tacacctact accgcaacgg   240
tgccgctggc gagtggtcct accgcaacaa cctcgaggtc ttccagcgct accgnttcaa   300
gccccgtact atggntgata tcacaaacat tgagagcact ctgnctacca ccatcctagg   360
ccacaacttc tctggtcctt cttnatcacc cctgcgccag ggctggcaat gctaccctga   420
cgctgagaag aactttgtca anggtgctgg cganggtgac attctttaca tggccgntct   480
ntatggctnt ttttcattga ngagaatggc aaaggccaag ggtga                525
```

<210> 1511
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 1511
```
ggcggagctg gaggtgcagg cggtggcaac gatgaattcg agttcggttt cgatcctgcg    60
atggagcccg agcttgctct tgccctacgc atgagtatgg aggagganaa ggcccggcag   120
ganaaggccg ctcgcnaana ggaggaggct gccaanaagg cctntntagg tgatgtcaag   180
gaggaanatg agggtcaggg atcaagcagc aaggaccaan ataaggacaa gangggtgat   240
gganacaaga tggacacctc ataatanatt atggttccgc tttgcaacat tgcagaaact   300
gtacaatana cacagacagg gggtttttag atgacaagaa gattaangcc cttncgatac   360
```

<210> 1512
<211> 936
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(936)
<223> n = A,T,C or G

<400> 1512
gaagaattcc cggccgcagc aatttttttt tttttttttt cttacagtgg ttgttttgtc   60
taatatacag atgctatcca aaatctgaga tgggtaaagt caccaagacc gaccctgata   120
gcttacatgg aatactgtac atgtcgcaag agaaagaagg gtatacacca tcaagaatca   180
ctttcttctt ccttctgttg tctcttttct ctcaaactga ggctggcaat acaccaacaa   240
cctcttcgca tctgccacac agcgcgtctt ccgcaggcgc cacatatcgc cagcatcgaa   300
aaacacttct cctgctttgg tggaagcacg tgcaccttaa ccttaagcat cttggatctc   360
gaactccttc ttggtaggcc cattcaggct ggtcaggaat gggctggttc agttgtactg   420
aaaacaccac aaanatgtcc tgcagttctt tccacgtagc gtccaagaac agctgccgct   480
ttgccatcct cgatttcaag gatgaacgaa ctctggagaa aactgccaag caccttggct   540
gtccgtgcct cctctaacgt ggccttgaca gcactgtgga tttcggtgaa gatagcctgg   600
tccttacgta ccacatcttg aggaagcgtc nagcgtagag ggtcaataag aggcgtatca   660
tatagctgac gagctggatt ctccaaggat gaatcttcgg ccatccatgt ggtngatgc   720
gaccatgcct cttcnacaag cataggagtg atcggcgccn acatgcgaag gaaaccgatg   780
aaaatgggnt caataatacc acctccatca ccgcagtaca gtcggtcttt cagaccctcc   840
aagtagaatg ccgacaggtc ggctgcgacc cagcggttaa tcatactaac tgctctataa   900
aactcaaagt cgttgtacga tcccattacc tgttcg   936

<210> 1513
<211> 551
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 1513
ccagcaacaa gctgctcgtc ctgaacagct tcttcaggat ctcgttggcc agcgccagca   60
tgcccccagc caaggctctg gccgtcccga tactgctcgt aacaacagca acactgagtt   120
cttgatgaac ctgatgagag cacctcagga gggccaacga aacgacttgt tgatgcgcat   180
ggttccgcag caccaaaagc caggacaaat gcctcaggag cctgatttcc ctagggacga   240
ccgtggcccc caacgtcaaa tgagacccaa ccaccacctg gctttccgat ggaggatcga   300
ttccacaacc cttctgacgt tgatgcacga ccgaatcagc ctacgcaaat tttgcagcgt   360
ccaccacccc gtcctggcct ggaacaccag atgccaccca gctggatgcc tggtggncag   420
atgcctcccc ctcagcaacn aaganttatg atccctcctc cagganttcc tggcngtcct   480
gttaggcctg tcggtcctgg aacaaaccgt aacatgccat gcctcacatg ttccctccca   540
acctcccacc c   551

<210> 1514
<211> 665
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 1514
ccgcactctc acctctactc atgtctacac tgttactagc tgtgctgctt ctgtcatcaa   60
ctgccctgct cgctacaccc agaaggttgt tacatctacc atcatcgaga gcacctatgt   120
ctgccctgcc actgagactg gtgctgtccc tgccatgacc acctctactc acgctgttcc   180
tgtgcctgtc accaccatta ccgacactct caccactgtc gtccctgca agactcgcac   240

```
taccaagacc ttccagcctc ccactacacc tccccctgct cccaccgtca ccatcgtcga   300
gagcaccacc tactgccccg agactggcaa gtccaccaag actggcagct ctgaggttcc   360
tgtcgttacc actggtgttc ccagctctga agttcctaac ccccctgctc ccaccactga   420
ggtccacgag aagcccacac actcgggtcc tactcctgag aagcccactg gcgacaagcc   480
tgttctcctc ccgtcgccac tgtcccttac cctcctcacg gtaacggaac tgnttctacc   540
cctgttcctg ttgtcccact cctatgtcct cctgttgtca gcaaccctgg tgntnaaacc   600
cctnacttng gtggttcttc aggttaacct tcttcagtgn nggtttccct actggttnta   660
ccccca                                                              665


<210> 1515
<211> 368
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G


<400> 1515
tgtttntaga ggatgctgtg aagcaggcgg cgcgcntcat ctacnttgcg cagaaggaca    60
acaaggacaa ggactttgag ctcgagatga cctggatcag cggacctgat ggtcctacca   120
agggacggcn tgtcgaggtg ccaaaggagc tgcgggaaga ggctgagcga ttagcaaagg   180
ccgaggatga ggatgacgac nacgacgatg acgatgatga tgaggacgct aaggacgacn   240
acaagatgga ggattagaga gcgattgtgt caagaacaaa aattaaggca cttgtactat   300
catgatgacg aattcataga atttaatggt tcatctgcag gcttccgaac tacttgcggg   360
atgcctgg                                                            368


<210> 1516
<211> 120
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G


<400> 1516
naanccttca caanntcgct gtcnctgttt accaccaatg cggaggttcc aantctgctt    60
accccggccn ctntctccgc tgcncttgtg gaagcangtg tgnaaagatg aactattatt   120


<210> 1517
<211> 667
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G


<400> 1517
ggngggtgtt gcacctnata aataagacaa aaaggccaga gaancacctg caggtgcaaa    60
atggactaan atcagccgcn aggttgagaa ccccgaggct ntgactattg ggaaggagag   120
attcgaggtc ananacgact tcgttattgt gcttcgggta cttagcangg angaanttna   180
agcgtatgcc tnagcaacac caggttctnc gggagagacg acgccgcgac gaagatggtg   240
gtgaaacgga tcgggatcgt gatagagacg atgatgagag aaaaaggcat catcgccatc   300
gtcgccatcg tgaagacgac tcgtcggatt atgaagacaa ggatcgtgaa aggcgcaggc   360
gtcaccgaga tgaggaagag tacgacacta aggcaagaga ttctgaccat catcaccacc   420
```

```
accgcagcca ccgggaccgc gagcctgttc tggaagctta atccaacaag caagcacata    480
aagatattac caccacccca atgactgctt ttttagatta tggagcgtta tattgaatgt    540
attcaatgaa aggatttccc atcggatttg natcgaattt aacatatatc atcagcatga    600
actggccggt tagcgaggca ttcaggatac gtaaaataaa caaaatacat ttcggctcaa    660
aaaaaat                                                               667


<210> 1518
<211> 336
<212> DNA
<213> Fusarium venenatum


<400> 1518
tgtcgaatgg gtgaacaaga agtcaaaggg agagtttgac attctgttgc agcctggcga     60
gaacactttc aggagtctta gatgggattt gaacgacatg gatcctcagg acgtcagttg    120
tgcaactgg ggtgtgtggg cgttccgtgg aaagaggtac cgagacagcc accaggatg    180
cttaaaaaag ggtaggacga ggatgaacaa accacgaatt ctcttgtacc atattgtaca    240
gattctgtag catagctgtg tatatggata gatcattact gaaagcgtca cgccattctc    300
tacactttaa gaggaggcat gcaggtatgg tagcag                              336


<210> 1519
<211> 545
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G


<400> 1519
cacgtttcaa actgactgtc gtcgtccggt cttccaaatg ccgtctttag gatgtggaac     60
gtgtcgagct cgtaaagttc gctgcgatca aaccgtccca aaatgcaatc gatgcataaa    120
agcgggtcga gattgtgaag gctatggttt gcgtctgtct tggccccgtc acaatgacaa    180
gcgacgtgct atcgtcggac cacattctag acaatcccga ttcaaaggaa tatccgngaa    240
ctatcggctg ctgaatactt cttcgaggga tatcaagcta catgatatga tcttaacgtc    300
agctcaaata catagcgtgg ccgttgaagc agtagccgat acaccattca agcctgccga    360
ggacacagtc tttgcgagac aggcaaaacc tttccttnta ttaaactccc ctgcaacagg    420
ggttcttgca aaagttgagt ccggccaaca agcccttgtt tcaatatttt gtagaaaggg    480
cctcgtattc tataanccct ttgggaaaaa tgcccacaga gtccccggaa ttctgattcg    540
catgg                                                                545


<210> 1520
<211> 532
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G


<400> 1520
gctaaaagaa gatccagaat ctcgacttgt tctgtacttt catggtaacg ccggccatgt     60
cgcacaagct atcagacctc tcagctacca ctcgttaacc gacacctcat cataccatgt    120
tgtcgctatt gactacagag gattcggcca ctcgacaggc tcgcctactg aaactggagt    180
aattcaagat gctgccacac ttgtggagtg ggctaccaag gttgcaggtg tccagccag    210
ccgcattgtc tccttggaca aagtctangc acaagccgtg gtcaagtgca agtcgccgaa    300
aagtacgctt tacagggtgt tgagtttgcc gnatnaccat tgtcgcaggt tcaagcgact    360
tgggcaaatc ttttggtggg gctattggta ttggaggngt tgtccctgtc cttgcaccct    420
tccgagnggg ggcctacgct taataccgtt tnatccatcg atttcgtngg cgaanaaagn    480
```

gggatttaaa atnaccgttt ggnttaatgt tgngggggaa nanaaaaaaa aa   532

<210> 1521
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1521
tgcgaaagca atcaagctta gtgaggaaga agaggaacga aggcgcaagg agctagagaa   60
cagtaatgct gcttccctct tcgacgatga tcccacgcct tcgcagcaga ccagtcagcc   120
acagtacact ggtttcaatc agggttacca gcaaggcaac cccgttgact tctttgccaa   180
ccctattgaa cagaaccagc ctcagcctac tggctatatg aacaacgcct acactggttt   240
ccagcagcct cagcctactg gtttccagcc aaactacaac ccaggctttg ggggccaaca   300
gactggcatg ggtttcgacc catttggcca gcagcagcag cagcctcaac aacagcaaag   360
cttcagcctc aaccaactgg ttacaaccca tacctgcaac aacagcagca gcagcagcag   420
cagcctnaac agcaatcctt ntctnccagc gtttccgagc ctactnttca gctggtagca   480
ataacccttg ggcaaccagc aacaggcagc agcaatngga tgcaacnaac cctactgggt   540
tcaacaaccc ctttggccag nttgggcggn cccaatccgg ttgaacnaaa cccatggtat   600
tcnttgggwc gcttcccgaa caggaanang ctttaattn   640

<210> 1522
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1522
caaacacgtt gacaagctac gaagtgacat acaaaatgaa agataacgtt cagtttgtct   60
atcagcggtc gtactatata aaggtcaagt ccggcttaac ctcaatctct gttatataca   120
aatctcctaa catccacttc gtacatcaac tacataattt actgaacctt actctcaacc   180
ttcttgccct tggtgttcat tccattaggc gtcttcaatc caccaaacac cgctgcagcg   240
acaactgcaa taccagtggc acccatagta tatgcgacct ctcggccagc ccaccagtat   300
acacttgtga acaagatggg acccaggcct cggccaagct gaccccagct tcgtaacata   360
ccgagcttgt taccgcgctc gtcctcgtga gcctcgaagc tgctcaganc gttcaagcca   420
gtgacgaacg tggcggatgt gactgccaaa catgtcgcag ctaggtacaa accaccaatg   480
gtgttgaccc gtcccaagan aacgaaggac caaggcacgc aagtnttccg atacggacgg   540
acatcagggg tgggagactc gtgtaacacc gccctgaagg anggat   586

<210> 1523
<211> 837
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G

<400> 1523
cttcccaaac aaagtcgccc ttacctgcac tcgcaacgct tcatgctcct ctacctacca   60
ttagcaatgg caactctgga acaccagtta tgaagcccgc ctcagtgccc tcgaggcctg   120

- 597 -

```
ctggagaggg tctcaagtat gcctctgcag ctgcggctgc agctgcaagt gacaagaaca      180
atgtgggtat ttccccatta cctccaccac ctggcgccgc atcttcaagt atatctccat      240
tgccacaatc tcgaagcagt gctaccaact cccctgctac atcctctgcc cagcccgctt      300
ctcaacaacc agagtccaag cagcccacac cggcgccagc acctgctgaa cccgagcctg      360
tgcctacgcc agcaccgtg cccgcaccta caaaaccgtc caagcgatca aaggctgctg        420
gaaagcaggt tctggtgccc ganactccag cgccgtcaaa gcccgcaagg acaaatggca      480
catccaatgg tgtcaagtct accgaggaag aggaagagtc catctaccac ctgcctgcat      540
cgttgcaaga tctggttgat acctatgaga cttcaagaaa gcggccatac cctccctccg      600
caccatcagc attacgcatg atgactgcca gccaggccag ctgccccgat gttgtggatg      650
ccgatgtgcc acnaacatac cgacccgaag tgccggtacc cccaacagga tccaacttcc      720
cccgngagcc gtcccccttt tcgacgaccc gcgggtgtac tcacgcatcg atcccgacac      780
tntgttctac gtgttctact ataacaaggg atccgctcaa cagtacatgg ctgccaa        837


<210> 1524
<211> 471
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G


<400> 1524
naaatttntn ccattcttcc acgaaagaca ccgtcgatca agatgagagc caaatggaga       60
aagaagcggg ttcgccgcct caagcgcaag agaagaaaga tgagagctag atccaaataa      120
acgcatcgca actcaacctg acttgacaca tctctcatga tgttacgacc tcgcacgcct      180
caacgatacc ttggccgaag cagggcacct gccattctgg cgcctctggg atttcccaca      240
acgcaatgag ttgggatttg actttgggaa ctacgtcagg gtgattgaac cccgcacttg      300
agcggctgtt gtggcacaca atgaacatta tggtggatgg aattatgaca atcgaatggt      360
taggcaaaag gcggtgttgg atcgactact atcaaatgct caccaacacg aagcatcaga      420
acaagattct aagacaaaga aatacaggga tttcctgaca aanaaaaaaa a               471


<210> 1525
<211> 559
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G


<400> 1525
aggaagagga gctttgatgt tcaacagcat ttttttgatt tctgattaga ttagtcacat       60
tataagagta acggctggaa aactgtatcg ttcacaatta ccgattactt atttaaaggg      120
cgacaaagtt tctatctatc tatctcgttc tggttggcac aaaagacgtt ttctccccat      180
atccatattt agaacttttt tttttacttg ggccatttt acattcctac cttgaacccc       240
accatcgtca cctaccctac cgttacttgc ccaaatcact gtcgtcataa tgcctgttgt      300
cacccggac aagctagcaa atctacnaag acaatccagt gatattcgaa atatttgcat        360
cttggccta cgttgccatg gcaaaactt cactactga tgtctgntc ggcacaaatg          420
gcattatctn accaaagctg gcggggaaag atcnatnctt gactcaggcc tgtgaagcng      480
actcgaggat cacaatngaa tcgtccgcat ttacttactt tgccttcntt ggaaanagcc      540
ccgacctnan ccgaggtaa                                                   559


<210> 1526
<211> 583
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1526
```
cttgacttcc aaggcgcagc aaatctactt ccctgtggac gagaacacaa ccgtcgttga    60
tacagaggac gctcccaagg gacagcaggt cttcttcagc cctacccagc tctacccctt   120
ctggcttggt gccgctcctg actacctcaa gaacaaccct tatgccgttt acaatgccta   180
caagcgtgtt gaatactacc ttgacaaccg tgagggtggt atccctgcga gcaacgtcga   240
gactggtcaa caatgggatc agcctaatgt ctggcctcct ctgatgcaca tcctcatggc   300
tggacttgag agagttcctc caacatttgg catcctggac ccttccttca tcgaagtccg   360
cagactggct cttcgccttg gacagcgata cctcgactcg actttctgca cctggtacgc   420
aactggtggt tcaacttcgg aaacccccaa actccaaagc acatccgacg aanaagaagg   480
catcatgttt gagaagtacg ccgacaacgc taccaacgtt gctggaagtg gtggcgaata   540
caaagtcgtc naaggctttg gctggacaaa cggtgtcttg atc                     583
```

<210> 1527
<211> 519
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 1527
```
cttgctgatg aaaaaatgaa agaaattatt ggagataaag aaaggcttac ntaanggaac    60
acggtnctga tgaaggccaa ggaaggactc ggaataantt gaaacgcgtg ggaattgggc   120
nttctntgcc cgtntnctca aaaaggaaaa aatnctctgt tgattcactt cttatatcgg   180
agtattttga anttaatcac agtcttgaag gcttgcttcg catatttgaa ggagattttc   240
ggcatggtct tcgttcctac cgatgccccg gtttggcaga aaggatgtcc cgtttacaaa   300
cctggaactc ggaaggatca aggtggtggg ttcctcggat acctctacct tgactgtatg   360
cgcganaagg taaatatcng gcgcacacag ctctctcntc caaccngggc ttcnttactt   420
cagacaacaa cgncattatc cttctcatct ctataactcc ctccttcata cccgcgggcg   480
tccactctct tctacctccg aagctccaaa caatgtttc                         519
```

<210> 1528
<211> 618
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 1528
```
ctaagctgta atacactctt ttcattgatt agatatcaac tacggggcct agacatcaca    60
acggttcat atcgccatgg ctcctacatt attatggatt ggtctcggga acatggggag    120
gggcatgagc aagaacattg ttgagaaggg caacctagac ggacctctgc tcctgtacaa   180
ccgtctacc aagaggacag ctgactttag tgctacactc ccgacggca aaactgaagt   240
tatcgagtcc cttgccgatg gtgtcgcaag agcagatgtt atcttctcct gtattgccaa   300
tgatgaggct gtccaggaga cttataaaac aatgcttgag agcgatgtca aaggcaagct   360
cttcatcgag agttcaacta tccacccaga gacaacgaa gccatcgcca aagatgtcat   420
cgccaaggcc gccgagttt gttggccgca cctgtgtttg gtgccctga gatgggccga   480
aactggtcag cttgncnggg gtgcttgctt gganctgctg ncagtggtca caaaaagcca   540
aagcgtggtt ccagggcgtc accttccaag gccgatattg anctttcga acaagccgta   600
caggcaaggn ttttgact                                                618
```

<210> 1529
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 1529
agctaatcaa ccccagactc tcaatcaaga cccaaatcct tgtccccaga ttccattttc   60
gtctactgac atttctatct cgtatatccg tatttccccg caattcagtc tccgatgcct   120
tctccaatgg ataccgagga tagtcccgat tcccggccca aggaatccag caagcgtcgc   180
cgtctcaatt tcgcctgcaa ttactgccgg aatcggaaga cccggtgcga tgagcagcaa   240
ccttctgcca agcatgcatt tcagcgggaa tccttgcgt taccgaanac agacgtaggc   300
cgggcaagtt gatcaagcga cgcgaggcag gtaaatccat tgatggatcg tctgttgggt   360
ctggaagtcc atcggagtac ggaatacatt cagtcaccga gaatgtctca acagaaggcc   420
ctnaatcgca aaagacaact gacgacgcgt ccatntttgn ggcgactggc cgatacgtgc   480
aaaatcgcaa aagtccgana cagtcgctta acaaaggtc ttnccatacn gatactatca   540
gtaattcnct ggcgatctta aacaaaatcg ggtaccacgt tttttcangt tttgatgagn   600
ggntggatct ttcggctttc ggttaatggt ccct   634

<210> 1530
<211> 295
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 1530
cgctgagatt acagtgcccc ttagcgagct aatcctcgac ttcaccgaca tcacaggtcg   60
ccagatgtca tttaccaacg gtcaagcagc atgctctttt ggaatcgcac cctcgacccc   120
acaggtttcc attctgggtg acacattctt aaggagtgct tacgttgtgt ttgacctgga   180
aaataacgag atctcgctgg cacagagcaa ctttgacgcc caggctctca cattctcgag   240
attgcacagg aaaaaatgct gtccgttgca attggtgcan gaggaccaca ntttt   295

<210> 1531
<211> 544
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 1531
cgtcgacgct gtcttgcgaa ggcatgcgat cattgtcgca agggtaaaat tcggtgcgat   60
ggatctcgac cagtctgtgg acgttgtcgg ggtggtggaa gtgagtgtca ctatacagat   120
gttcacaagc ccgatccacg tcgacgtcgc gtcgcgtctc aaaactccgc tagtcctagg   180
cttaggcggg agacaacgaa ttctgttcaa cccctgcaat cagactccat tgctgtgcag   240
ggaggtacag agcctcagcc tgttggtgaa gaaacctttc atgagccagg tggattgaac   300
agaacagctc gacccccag gatgcgatat atggagagcg cgaagacatg cgatactttg   360
gtccggcttc gggcatactc tttgcttaac tgcacccana aagacggacc ggcagaaccg   420
gnntatggct natggaccac aattttngac catattcgaa gggaataatg aaacttacca   480

- 600 -

tccngaccng ggattttaat ggaangaatc ttaattncga cataagcttt ggtggtnaat   540
ctcg   544

<210> 1532
<211> 496
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 1532
gaatatgtca actctctatc cttctttcct ccatcaaacg agcaccctga tggctatgtt   60
gtttctggcg gaaaagatac catcatcgaa gtcaagtccc ccaacgcaac cagcaccgat   120
aatgccgagc gcetttctgat cggtcactca aacantgtct gcactattga tgctgccccc   180
agtggcaagt atctagtgtc cggcggctgg gacggtcaag cccgtgtttg gagccccag   240
aagtgggaaa caaagctatt actaagtggc cacnaaggca tgtcggtctg ggagcgttgt   300
tgctttcaac gaccatacag tagtnactgg ttgcgccgac aaaaacatcc gcatttttga   360
ctttggggna gctcctntgg agatgtagcc ccaaattcac tntttatacc cccgacgttg   420
tccgcncctt tgccgggttc ttaaaatcac ccgngcgggg ccattttttgc gagcgcnaca   480
acgnangcct atccgt   496

<210> 1533
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 1533
cggtcaaatt atgccctggg actacgatct tgacgttcaa atctcaaacg gcaccatgca   60
gtggattggc gataacctca accgtactga acacagntgg aactataccg attctgcttn   120
aggggagttc atatccaana aatacctact ggacgtcaac ccccaccacg tcgacatcga   180
tcgttctgat ggacnaaaca tcatcgatgc tcgttggatt gacatgcana acggcatgta   240
cgttgatatt accggtctgc gcgagcgcga ggtggatcgg ccagntatct ggagctgcaa   300
gaacaagcat cgatacagaa gccaggatct atggcctatg cgcatcaccg agtttgaagg   360
tgttaaagcc cgtgtgccct tcaacttcaa taagattttg gttgatgaat atgataccaa   420
gagtttggtc accgagagtt gggcangccc cgatgggatc acgataacaa gatttggatc   480
aaggagaatg aagaggaaca aaacagcgca agctcgggcc gtcgatcgtc acctggccga   540
ggntgttgct tacccaaaac ccaaagagga gacagntggg ccatcagctc ttaagggtcc   600
tttttcnaat aattctctca caattct   627

<210> 1534
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 1534
ttttctttct ttcttccttc ctggtgacac tcattgccaa gatttgctgg tttaatacgt   60
gcgagccacg gtttgcatca aagttgatcc tgcttacgaa cccaacaaga tactttgcta   120

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```
ttgacacctg attcaaaacc cagctgccca cacatttcaa gatcacccat ccccatcaag    180
tttgcgacaa accctccgac aaccgttctc gctttatcga aatgcccgaa ttcgtcagca    240
cacctctcta cggcggtgca atcacttgcg atctgcccgc taagttcgcc gatgtcagca    300
agttgcgaca agtgcctgat aaccaggaag tttggatcga ccaagatggt ttcaccagca    360
tcatatttga tattaccgag cgtgtcggag gctctggctc aagccccgag gttgacggcc    420
gtgctatgac gaccatctc gaagatatgg ttggatcaga cattgatacc gtcaagatct    480
ggaacactgg ccgagaccga gtttaccaga ttaaatggna cacccggcta cacgctnant    540
ttcacacaga cccctcacgt tagcaagtnc cggggaacaa ccttttgngc ccgactttac    600
tggtatnatc ttng                                                      614


<210> 1535
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G


<400> 1535
cctcttcatt ctcatcctca cctttcaaag taacatcact tcgatacccca aatctaacga    60
ctctttcacg tcgatcacaa caccaccaac acaactccct tccacacaat cattcacaat    120
ggctcgcggc ggagactcag cagaccaagg tccacttcaa gggcagtgat gactttgtca    180
tcttcattga cgatatcgag acctaccaga agtggaagac cgacaagagc atccctctgg    240
ctcacttcat ctcctctttc aagatcttct gcacacacgg acaaggagt ccaggggaac    300
actcgacgca gcttccaagg ccgctcttga gaacgagttt ggtacctctg tcgatgacga    360
tgtcattaag cagatcctcg agaagggcga tactcagacc actgagttcc ccgagcgtca    420
aggcaacaag aacgacaaca agggtcctct catctcccac tagaagttag cagggtgcca    480
gacgatgttc catgcagcgg gcgtttgggt ttttctcagg tttagcgcga antcaattac    540
gacaaactgg ggcgttgttt tgaacaacaa cgtttgtctc gtccgaaatg gttgggcaat    600
tgttgttggg cagg                                                      614


<210> 1536
<211> 282
<212> DNA
<213> Fusarium venenatum


<400> 1536
atacggatta acacgtttcg aacctgcttt gaaacatatg gtggaccatc tggcaagggg    60
catcctcgag caaactcact tcccctatgt aaagccaccg ctggacccca atgaggaact    120
tcatctagca cagagcgcct ctcttcgtgc cggccgaccg aactgggcat cgctggtcgc    180
cgtcctcaga gaaccgacag cgattgattg ttttcatggg tggaggccta catacaagcg    240
aaagtcgggc gtgttacaaa gttggggagg cccgaaccca aa                       282


<210> 1537
<211> 1085
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(1085)
<223> n = A,T,C or G


<400> 1537
tgtacctaca cttaaatagc ccgaccattc ttaaaagaga cctgcttagt agcctttatt    60
ccaaccttat taactcttga ctctgaatcg catttcccct ctttactttа ctttagtacc    120
ttagtatact tacttatacc cacctactac atcattaact gccaactctt gatatttctc    180
aacctaccaa caaacacctt gcacaatcct atcgtcgcac tctagaaaca acttctctcc    240
```

```
tcgtcgcata cactttcaaa tcctacttcc atggccgatt tcgctcctcc agctggcccg      300
cctcctccca aggcccccga ggtccctgcc ggatgggccg tgcgatggaa cgaccagtac      360
aaggaatggt tctacgtcaa cgtatacacg aaacagtccc aatgggagaa acctactgcc      420
cccgtcttcc ctaatgatga cggtgcgccc gccggtcctc ctcccggata cgagccaggc      480
aacacgcctg tagttacaga caccaagaag aacccctatg aagatgtcac agccagcgcc      540
ggtggttcat ctcaagacga anacgccaag ttagccgctc ggctccaagc cgaanaagat      600
gcgcgtgcgc tcagtggccc tggcggccca gatgttcctg caggatatgg cggctcgaat      660
agnccgttcc cccagagcaa cagcccttat cctcaacaac aaagcggcag cagttacccc      720
gcagaactac ccccgaggga ccggggtgct taagagtggc ggcttcctag gaaagttgct      780
cggtaagggc aagcagatgg gtgacaagca tcaacaacaa ggtgcttatn ggtgggtatg      840
gggggggctta cggtagcatg ggtggtggtt accctcanca gcagtactat cctcagcaac      900
ctcagggtgg ctacccagga catggccctc ctatgggcta tggcgctcac cccnttatgg      960
tggtggttac ngcgcaccan ntggctatgg tggatatnga agcggcccgg ctaccgccaa     1020
catggcggcg gtttccgcng tggtggtatg ggaagtggtc ccaacccgga agttggggtt     1080
tgggc                                                                 1085


<210> 1538
<211> 395
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G


<400> 1538
gagaagctca cacaacaatt ggacgagaag tcgcgcgatc tatctaagat ggtcaaggag       50
attaacgaca tctctggtac attaaacaag ggtgctaaac ccgaggaccc tctgagccaa      120
attgtccgtg ttctcaacgg ccaccttaca cagctgcaat ggatcgatgc taatgcctca      180
tcgttgcaag ccaaggtggc agctgctcag aaatcaagca gcaacctagg aagtcactat      240
gctggttcgg ataacgatgc ggnggagagc ttctatcgct catacatggg acgacnatga      300
agggaaggat tgtaattggt gggattggag ttttanggca nggaatccag gtatttnttt      360
tcgaagatga atnttaaaca gagcatgcgt aaccc                                 395


<210> 1539
<211> 713
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G


<400> 1539
cgaacgtttg acggtccaac cattctatcc acttcttgat tgtataagtt ctgtatcgca       50
tctttcgctt caaaccgaca tcatggctcg cggtaaccaa cgtgatcagg atcgtataaa      120
ggcccanaaa aaagcaggag gagagaagaa gaagaataac cagaccggta cccaaatgca      180
acaatccaag gagtccagcg ccgaaatcat gcgacaaaaa caggctgctg ctgaggctcg      240
ctaggccgcc gaggccgcca anaaataaaa gctgcgattt gctgtacgaa cactatccac      300
ttccactcaa aaaattacca tcgattgtct gtccggaata ccacaactga aaaagatgga      360
ataaggacta cagagaggga gcggaancnt tcgaaaccag acnttttttt cagcgatgca      420
acgaaacgat ttttgggcag cacaggcgaa gcggtgcaat aatacgggtt gtctttcana      480
aactataact atagcctcgc aatacatctt tgggatgatg tttgctcgng atggctaaac      540
aagcagctnt aggggccctn ccgtctttcg tcttcctac tctttgnctc tncttggaag      600
aaatggtttnc cggacanatg attgattgnt tngcgtgatc cananattaa ccnctccaag      660
ggaccagtca atccctttgg ggaggngacc actctcnaat gttttaaggc ngg            713


<210> 1540
```

<211> 589
<212> DNA
<213> Fusarium venenatum

<400> 1540
ctacacacca ctcgacagct tgacgacgta agagcttctg cagccttgtc aaccaaagtt   60
gccttttaac acctttacag tcaccttcaa cattactgac cacaattctt tctacccttg   120
gcaatcagta aatactcaat atgccaatct caccaatcat cacatttaag gccggccaat   180
gcgaggttga tgcctcctcc aagccctaca aggtgaagcc gcaatctgag cctggctaca   240
tctacctata ctccgaagat gatcttgtgc atttctgctg cgcaagcgc agcgagccac   300
tcgacaaccc cgagctggac ctgatcatgg ttcccaccga tggcagtttt actccctacg   360
aatccacgac atcttctgaa cccacctcca agactgatgg ccgcattttt gttctcaagt   420
tctcgtcgtc ctcccaacga tacatcttct ggctacagtc aaagccccag agcgagaacg   480
ggagaccagc ctactacagt cctcgtgatc gtaagatcgg cgaaatcgtc catcgattgc   540
tacagggcga tgaaattgaa ggtgggccga agaaatgggt aatgtccgc   589

<210> 1541
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1541
tttttttatg aacttgttgc ctggagccat ttttttttcct ttgttcaatt acaacaactg   60
gatcacgcaa gggcgcagaa attaattagc tactggataa tgcagtcttt ttcaattcct   120
tgaaacctcc cgaagacaca cacaacccat catggccgac gattctaccc ccctcgcttc   180
tctctcggtt acccatgtct actatgaccc cgaaagatca cctctcgctc gtatgcgcct   240
acctcgctct cctcccccaa gccctctgcg tcgtctatgc tacactcgtg ctctttactc   300
gcgaagtcga agtcgccctt atgttcctgg gtcaactcgc ctgcgaagtc ctcaactttg   360
ctctaaaacg tctcatcaag gaagaacgaa cgcgtcgtat acatggtaaa agctatggca   420
tgcccagctc ccacgcccag tttgttgctt tctggancgt ctcccttgcg ctgtttctgc   480
tcgtccgtca caagcccct cctgtgctaa angggcgggg cagaaagcng tgtgcaccga   540
acatggaatg ttgtcaaaag ggtccaatga atgtggctng catggcgatg   590

<210> 1542
<211> 645
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 1542
ttcatttcac cgcagcagag ctgcttttca ttcattcaaa cgttncgggt tattgtctgc   60
tacagaatta cgcaggccat gcactttgtt aaaccgttct aaaagtttca atttctaatt   120
gcagatatgt ctcacgagat ggccaatgag aagggcgaag canagaattc tactctattg   180
acacctgagg ctatcaatgg agctgtttcg cctagtccaa gtgcaagctc ttttacttct   240
tctattgaaa caagcgattc ggagttcact tcatcgtggg caaagttgca agatgtttat   300
tctcggaaca tcggactctt ttatgttctg ctggcacagc tgttcgcttc cattatgtcc   360
atgacaacaa ggctcttgtc aactggattt gagacaaaat ttcatgctct tcaataatc   420
ttcgtccgaa tgcttgccac tgcactgatt gggtctttct acatgnggcg agaaaaagcc   480
ccgattttcc ttttgggccc gcgcgaantt aaaagattgt tggtgctgaa aggcatggcc   540
cggatccggn gggctcttng gtctttaata ttctctttca tacctcgacg ttcccacgcg   600
acgggcatna cttttctggn cccgacttnt gacagattna ttgnc   645

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<210> 1543
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1543
```
gctactctta cttaccttgc tgttacttca ctacacccaa atctcgtatg tcgcgttgaa      60
gacgtttccc tctctctttc gtctcttcaa cctgcctctc ttcaactacg gtcgtcgccc     120
tccgtccgtt cttgaattga tagtatagcc actaaattcg atttgtcgcc aatcattttc     180
taattaacca aagtctcagt ctcatattga ggacctcact taacttcact tctcaaccgt     240
tctttacacc ggcgtgctct cacgcgcctc attaatattc aagatggcga ctccttccgt     300
aattcccaca gattccaaac gcgacaccac cggtcagttt cacagaatca caagaggaaa     360
ccgcagcctn tggtaccaag ctgactgtct gcaataacca aagcgagccc gancatgcgg     420
ttccggtatg aaagccaaca agcgatcgcc gacccgttga tcctccgccg tgncgagctc     480
cgaattgttg aangccctc tctngaagag gg                                     512
```

<210> 1544
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1544
```
aaactttatc gatactttcc agtgcttaac caacccatgc tccaatacga ctcatctaca      60
ccttaaaccc gacctccana accaggcgac gacggtcgat gccttgagag tacagcgctt     120
tgcgacacca atcgactcct gatactgcga ccgtcccgac tatcaacgtt ccttccaccg     180
aggtctaaaa gacaaaatgg ccatgcaatc ttcactggag gtgctgaaga acacgcttga     240
ggagattgtc aagaacccgc aataccatga tctattatcg ctagtcaaga cggcgcgcaa     300
tggtatnatt tacggaacca aggngcgggt tctcatgcgc tggngatggc tttntttccg     360
ctccggaaca ttncgagaaa aggncaaatt agtccttnga gcgacgaaac accatgcgaa     420
caacttggcg cgcttcgtac cattataagc tgccatgttg gcctcaaatc tttggcgcaa     480
acctggaagg agggacatac acttttttga ggcggtcttg gngnggtttt tttntttgng     540
gcgatcaanc nccaggaaaa atttttttca accaaantcg ntttcgtttt ggcgtgtatc     600
tcccctcccn catgtttaaa ctgggn                                          626
```

<210> 1545
<211> 881
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(881)
<223> n = A,T,C or G

<400> 1545
```
cttgcactcc attgaaccca atgatctgag ttttctgttt ctttactttg tctcttctta      60
agtctttgat agctcccact gtgacagggt cgcaatggag gatgagcgag gaactcgctt     120
gcttgcgtcc atttggacgt tggcgcttct aagtcttatc ctattgtttc tgcgtgtcta     180
ctgcaagcga tggcgaggca aaggattgtg gtacgatgac tggttcctca tcgcggctca     240
```

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```
ggttagttgg agctctacct acttaatcaa caacatcgaa gctgttggtg ctgaccagtg      300
gatctgtccc gccttctagg taacactaat gatctctgtc gccatcaaca cgtatttggt      360
ctctctgggg ttcggccggc acaaggcaac catcagcgac gaaaacttga aaacgatcaa      420
cctcaacact atcgtcggag ctgctttcgg catcatcgca acgacgacta gcaaaacgtc      480
cttcgctatc accttgtacc gaatcgccac caacgtatgg atgaaatact tcctaatctt      540
cgtcatcata accatcaatg tcttcatgaa cttggtctgg atctttggtc ttgccaaatg      600
ttcttctctt gcccgagtct tcgataaatc ggtacccggt acttgctggg acccaaaggc      660
gctacttcag ttccaattat ttgctgccta ctattcggcc gttctcgact ttgtcttggc      720
actcctcccc tgggccatct tgatgcgaat gactatgcga cgacaagagc gacttggaan      780
tagctgttgc aatgaatttg ggtgctattg ctggtatcac cggtatcgtc aantctgtct      840
tgtggtcagc atgaaaaatg acaatttccc ctacaacgcg t                         881


<210> 1546
<211> 299
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G


<400> 1546
ntgaagccaa catattctac cctttttcgtn tccttacttt cattcacaga cnctatatct       60
ctgcataaac gggaacatga ccttgaacca agagttataa gtgctnntat tcagcgtcgc      120
catgtanatg atccctttgc ccatgancga caacgtntaa ncaaaagaga tggcacggtc      180
aatgttggaa tcgacaatga gcaatcccta tacttcctca acgcaagcnt aggaactcca      240
ccacaaaact tgcgccttna tntcaatact ggaagnaatg atctttgggt gaatgcatg       299


<210> 1547
<211> 250
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G


<400> 1547
cggcttggga gctgagcggt tcctggcgtg gcttctcaag ctctggacag tccgagaggc       60
ttgcttgtat cctcggtaca tgggtagatg cacccngtaa acgaactgtt gatgagatgt      120
atgaaaatgg agtataggtt tatgatacag tgaaacagat ttctagtaca atctanggat      180
aaaaagcgat actgctttac tgatgcaaaa naaaaagnan aaggtatgca acagatngng      240
attatataaa                                                             250


<210> 1548
<211> 554
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G


<400> 1548
cgcgtntgtt ctgtcggtaa acgaaactgc ccgatggcat aaatccacaa gcagtatgac       60
cacctactgc ttttgtcttt atcctctnca aaccctattg ttatgccccc tcagcgtcna      120
tcatgggtcg gatgtacaag gtgcaagagc ttcaaaaaga agtgcagcga ggagagaccc      180
```

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```
ncttgtcggc gatgcaccct gnctaacgca aagtgtgaat acnccgtcaa gttgcgctgg    240
ggagggcgac ccttcaatcg ttcaccgttn ggggagtgtt tgacccaaaa tgaaggaaaa    300
gttgaaagat tanatttaaa caataaaaac tttatttacg tntctccttn tactctaaac    360
caaatcacca aaggctgngt caccccggta caagaggtcg atagaacgca atggatatca    420
acttcgccat cagcaattcc aaaaacatcc gagtnttcna ggtgggtttt ttntccgaan    480
anccactatt cctnttcact cctntgaaaa gttttcggta ttttgctcct ttnacanata    540
aggattttat tttc                                                      554


<210> 1549
<211> 600
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G


<400> 1549
gccaaacatt cgagttgata attagcccaa gaggagaagc atcggcatca tgtcttcacc     60
agtcgccaag gccgctcgcc gcgtcacgac cgagcttcga ggcgttgtcg tctctgctgg    120
ccttatggaa aagactgtca aggttcgagt aggcggccag aagtggaata agaccgtcaa    180
taagtggttc gccgacccta aacactatct agtccacgat ccgaactcgt ccctacgaac    240
aggcgatgtc gtttctatcg cccctggatg gccaacttnc cagcacaagc gccacgttat    300
caaagacatt attgcacctt acggtgttcc taccagcgag cgttcgctgt acccacactg    360
gaggaaagga tagcggatta tgaggccaag aaggctgcta aggatgagcc ggaggcagcc    420
agacgacaag aagaggagaa caaaagacga ggaagaaag cgattggnaa ctgaaaagaa    480
ggaggccaag cgtanggctt ggaangaggc naacaaaaac acaaaccgga caccttacga    540
acgatnntgg cttgaatcac ctaaatnttn catcacacac atgacccana ctatntttt    600


<210> 1550
<211> 717
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G


<400> 1550
ggccattggg atttattgac gggcaaatta gctgccaagg tggctgttcc ttggggaccg     60
cagggctttg aacttaanaa naaagctgtt ggtcgcgacg gaaaanaaaa gacaaggagt    120
aacgtcgtca gctgcatggc atggagagag gatggttggg gagatcagtt ctgcgtgggt    180
gggacatcag gcgtggtgac ggtttacgga gcgttgtaaa tatcagttat accactcgag    240
tctgccaaac ggcgaagcag gcttctgcca ggactctaat ggtgaaccca tcactctgaa    300
caacgttatc ttttttttgca tatagcttga tttattattg aaatgaaagc tacattatct    360
tcaagggcat tttcagattc gtacatagac aagatgttgt ccatcatgag actccgtata    420
gattgcttga acattaatcg cttcccacca gcgccgaaac cgtgacccaa actgccatga    480
ttcaaaatgt ngtatcctt tttatgcatc aaatgctggt tttgtacac tatcatgtgt    540
ttgttcttca accataccg acatacttga accagttggg ccgacaatct tccgatgtaa    600
ccaggcttcg ccatctgtaa gacgaccagt gacgcagccc ttacatttg gagagttggg    650
acagttgaag aagggaatat gttgatattc aatatcacgg aaccagtgaa tttgctt    717


<210> 1551
<211> 506
<212> DNA
<213> Fusarium venenatum


<220>
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<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 1551
gctacatcca caagtaacat cgttgtggcc gagcatatct tttacacagc aagaggatct   60
tgtctgctac cacacnacaa cggcgctgtt gcggttatcg atggcgagac ggtcaagttg   120
actccattca ggacagtcaa cgngccacct cctatgtcaa tgtttgacat cacagcttct   180
gctgctattg ccgacgttgc ctttggtcgc nacaatacct cttttgctat cctccaccga   240
aagggtatcg aaatctatac ctggcctgnn aagaatggca ggtctatcaa gccacaagtg   300
tcaaagaaaa tcacctttga cgagatggcc ancccaggtt acaacgttct tttgaggatc   360
gccgctgttg ctgacgcttt ccactacttc ggtttngagg aaaaaaatgg gttcgtccaa   420
cgatctgtac aggctccggg gngggcgatc gtctgttgct gatgtcaact ctcgaaagat   480
cttgnttgct acaccagtta ccaaaa   506

<210> 1552
<211> 641
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 1552
atcttatacc tgatacgaag ctaccccgcc atcgacttac ctgtttacga cttttcacctt   60
acaactacaa caacaattac tacatatctt ancctcgatg tctaatcctg anaaagctcc   120
tatgtattcc gntggtgacc agcacggagg cggtttattg cctaccgccc agccaggtca   180
ggagaatccc cctcacgata attccgcccc tcctgtgtac gagcaaggaa cagccgagct   240
ccccagcgat gagaagcaac agcagcctcc tnaatatgcc cctcccctg gaggcgaacc   300
atcacagtct gccgcggatg agaagcaaag gttgggacag cagtacttcc cacctcctcc   360
tcctggtcct cctcctgcgc aggaccaaca tcagcaatct gccctcacc caaacccgct   420
ccagggtaac ccagtaattg cacctcaaca gcaacnggcg actcaacaac ccatcgatgc   480
ccagaaggaa cagcagagct acgccatccc acaatacgat cctgctcatc ctactttcgc   540
gcctcctnct acaaacccta caaaccttac aaacgagtcc agccagccac caccacagnt   600
tctgttcaaa gagaacccct cggncacggn aatgatcaaa c   641

<210> 1553
<211> 205
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 1553
ctgggctctc ggaaacgaga tgtggggagc atggcaagtt ggccagatga caaaggaaga   60
ctncgcaaag aaggcctacc aatgggccaa ggccatcaag cttctagacc ccagcgtnac   120
cctcattctt tgnggngaga caaggacaca gcacctggga ctnatacgtt atnaaggntg   180
gcttnaagtt tgnttacacc ggttt   205

<210> 1554
<211> 426
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 1554
agactttacc aaaaacatta cctctacaca atcaaaatgg gcagacttaa caacggcgac   60
tggctcctcg ttggaaacag catntggagc gatgacggcg agacagagtt ccgcatgcaa   120
gacgatggca aggtcgctgt ctaccatggc gaagaatgcg cctggcagaa cacccccgaa   180
cagaactggc aagttcacgg aatcaagatg caagaagatg gcaacctagt cattttacgac   240
aactctggtc tggacatgcc atctggcaca cagacactgc tgncggcaag ggcaacaagt   300
ctacaactct tgtggtgcag gatgacggta acgttgtgtt gtacaatgag ggtggtgatt   360
ctntctggna cactgttgca acaagtagaa ttatcnttaa ggaaatgaag agggtctntn   420
aacttc   426

<210> 1555
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1555
catcattatc aacatccaca acaacaacag ttggccccac aggctcaaca gcagacccag   60
gcagcatcag tatcagcaag tccaacaccc acagcagcaa caacaacagc aacagggtcg   120
gccaggaagt aatggttctc ttggacgact ggaagccttg gttgccgttg caacaagcga   180
agggtcaacc gccaaagcgt actgagatgc cacgccactc ttcctnggtt gcactataac   240
tccttatgga gcactcatcg cctccgaaca tctgtcgcct caattgtacg tggctgcttt   300
gagacgatna tgactttaac gattttacga cacatttcct tgaaacctgg ttcggcttga   360
tttttacccg gaagcccnaa cgaancacnt tacgggcatn gctttgtcac atgatacacg   420
aancatgatc tctttngtct tgtctacatc acgaactccc tactcnggga atcnaccttt   480
tccttttttgg cacaaacgat agcattcgac gatattccan cttgatangt ccttccgaaa   540
anacattcac ntcancatat ctnttttatc taacccgt   578

<210> 1556
<211> 393
<212> DNA
<213> Fusarium venenatum

<400> 1556
ggaacttcat tgttgtcatg gtcactcccg tcgctctcaa caccatcggc tggcagtact   60
acatcgtgta cgctgtcatc gccgcttgtg ttcccatctc ggtgtacctc ttcttccccg   120
agaccatggg tcgtagcctt gaggagattg agctcgtctt caaggagtcg ccttcagttt   180
tctcgactgt caagttcgcc aagaaccgac ctcgcgaaac tccccagcaa ttcctcgcta   240
gcaaggagaa ggccgaccac ttggaacagg gcgatgaata aatgggcaat tggattttag   300
attgggaagc gaaagaaagc gtttgcgttt atgtttgacg acatttttga tagacaacta   360
gatcaataga atactagtat gattacgaca tcc   393

<210> 1557
<211> 531
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 1557

```
gaagctttcg cttgttttct ttttcttcat tgngagaaga naaaactgtt cttgactcag    60
ttgtttattt tatttcttgc taccactaac tctacatcac ctaattgagc aaagttgccc   120
aaaatggctg aaaatgtgat ggccgcctac tgggatctcc cagctgtctc ccgaaaccta   180
gttactgctc tagtgatgac atccgtcact tgcaagctta accttgtgtc ggtctactcg   240
gtgctttatc atccgacata tttgtggatg ttccctccac agatttggcg cctcgnaaca   300
tccttcttcg tcgagctgaa ccccatcaat ttgctcttga attgcgcnct ttntgtttcn   360
ctacggcaat cntctggana tgggaaacgc tcntttntcg cgcaagggcg atcttgtctt   420
ttcattctct ttatctgnnc aagaattctg gtaagccttt gtctacacac ccgngccttt   480
gcatcattcc tacgngtccc ctttcaaaac cccccttatt ntatnttgcc c            531
```

<210> 1558
<211> 538
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

<400> 1558

```
ctggcttcaa cttctctaat aataataccc agaaacgcca tggcatctcc ttcgcttcca    60
gaaagttaca cctctcttga tcttccaact ctccaactct tccatcatcc tccctcatca   120
aaagangtca cacccatcat agtcatcaaa cttcaccgtc ccgaagctcg taatgcattc   180
accgacacta tggctgcgtc tctatcccac gcgctaaaca ccctctcggg tgatcctcgc   240
gttcgtgcta tagtcctcac ttcatcagat ccaaagaacg catgtactgc gcgggcatgg   300
acttcaacga agaacatgca cttggtaaag angctgctga acatcgcgan tcaagaagca   360
tcgttactct gccaatgtnn cgctgcaacn agcctgtcat ccttgncata aacgntccgc   420
tgtcgggttg gcatnaccat gantcttggg cgccnatatc cgcgttgtga ccgcgangcc   480
aaaatggatt gtnttcggtc ccgtggttca catggaagng ttncacaact cttctccc     538
```

<210> 1559
<211> 639
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 1559

```
ntgatgccat tcagacacaa cgttgatccc cttcaactng ctaaacgata atatctttgc    60
gcaataacgc caggtctnca aaatgccacc cgctctgagt gacgatgaaa actccgacct   120
tgaggagntn actacacccc cacgcgctgc tcgcaagaag tnaacatcag ccgttgtgcc   180
tgacaagntt gaggacacca aagacgggtc agaggaagag ttggacgagg acgaattcgt   240
tgtcgaggcg atcaaaaagc atctcattga cgaggatggc actctgaagt ttcaagtcaa   300
gtgggaagga tacgaagcca aaaaggatct gacttgggaa ccggaggaga ancttcgtga   360
atctgctcaa gaaatcctag acgggtattt cgacaagctc ggaggtcgag agaagctatt   420
cgaggagaca gaaaccgcat ccaaaacgaa gaagcggggc cgagctcgaa cggcgggget   480
cttagcacca ncggctcaan aacaaaacga tctcgacaag gngataccgc acctggcaac   540
nctacanctt gcgcacatnc aagccatggg gtnncgrccg cgggctcatg gaaggatga    600
gaancgaatc aatngagcnt cgaggaggac gaaaacatc                          639
```

<210> 1560
<211> 742
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

<400> 1560
gcgcgntcct tcttccccag cttttttccct gaacctaacc tatcgctttt ccatctccat      60
ctcatcttta atcgcctttt ctatcatcaa gtaattgctg ggttttttac tggtgaaatt     120
gtaattacga gcctacctac tgtcgcatag ctctacacaa cctcgacttc gaatcgttac     180
catcgccatc atggtcgccg acgcagttat ctaccatccc acggtagcgc actacctgcg     240
ctacatggcc actaccctcg gtcgcgacaa gctcatgcga gtcttccagt actttgcccg     300
tttctacgcc tggtacctcc tccgcgcaaa cgcaacagca gacaaggtcg ctccttggaa     360
cgccctcaag aagcagttcg gcctgttccg aaaggtattc cgagccggaa agttcgtcga     420
gcacctcaag gctgctgcca ccgcttcgac tcaaagtcca tggaccccgt ctcaagtaca     480
cccaggtcgg tcgccagctt ggttacgccg gttatctcgc tgcgattctc tcaccattcc     540
tcacgccggc ggtatcaaga actggaaagc acgctacgcg catgcagcaa gaaggctacc     600
gatctgggct ggtggtaatc gnctttaaca tcttcggctc gtgtccctct cttgncagtt     660
gagtgcacga gcatcaaagg ttgatttgaa ggaaggagaa ggtgtcnttg aaaagcaana     720
catttntatt gagcgcgctg nc                                             742


<210> 1561
<211> 763
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 1561
gcgctgccgc atcaacggcc catttcatag acctgacctt agctccgttt aagttgttag      60
tcgatagata taaacctaaa catcgccgca ttcgttctga gatcccttcc tttcttcacc     120
ttcttcctcc ataacctcag accttgtcac aacaaaacac ttgcgttaaa tcaatcagtt     180
cgcatttgcg ctttacacct ggactcttac taaaccgttg tacacataaa cctctcaaac     240
gtcacaatgg ccgacacaac cgagcagcag caacccaagc tcgttgacga ctctcccatc     300
tcccctgtcg aacgacgaaa ctcgttggag gctcatctca agcaccgccc cgagcgctcc     360
gagcttgtcg agaagaacat ccttccagcc tctaccgcag cgccaggcct cctagcacac     420
cagaaggagc tcgagaaaca catgctcgag gacaagctca cgacaagat ctcgcaccgc     480
ccagaccccg agtctctcat caaggagggt gttctccacg acgacccccg cgccgtgact     540
caggacgagg ctgcgaagaa gtacgacgag gccatcgaag acgagtatgc caagcgtgag     600
ggtggcgcct gatcatgatg tcatgcgaca gggcagggta cttacctggn ccagggtcat     660
gagagcctcg gtacagaaac tgtactcatg atgctnaatg tggagttttc ttttttggaa     720
tgtgtgaaat gaattgactg ttgatggctt tggttagaag tac                      763


<210> 1562
<211> 121
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 1562
ngcgccganc nctacaacgn ccaancctac tatactggat acgccctctt ctggctnggn      60
atcactgncc gcatgtgcaa cctcatctnc gggngtagcc cgtnggtgtc aacagaagtg     120
g                                                                   121

<210> 1563
<211> 608
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 1563
tcganacaga ttgcganggg ggtcaacatg tccacattgc aacgcgcgaa atccatccgg    60
aaacctgccc ctttctnttc caccactgca aagacaacaa gaaccaccgn tgctgctaca   120
aattccccag atgcagatca cacaccgagt cgtctcccca tcaagccttt gaccagaagc   180
gcaacgactt caagcactac aacaaggtca ttgaggaatg gtgcatctgg tctttcaagg   240
gcaacttctg tcaaacagcc tactaaacca gcaacatcgg aacctgcgaa gagagaaact   300
aggtatcctc cttcaacgac aactacaaga actcgaccag cggtgaggcc gacctcggca   360
gatggaccaa ctcaagctac caggaaagct ccagcccctt cacacacgcg tgctaagagc   420
accgcgaccg gattgaannaa tgccctgcat taagaccggc ttnatcgacc tcgtcggnta   480
gtagtaccac aactacgagc actactacca ccactgttct aagtcgactc gcaccctacg   540
ctntttgaca acgcccaagg naaaaaagtn cttgggcgct gngcctcgct ttgaacaagc   600
cttttttga                                                           608


<210> 1564
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1564
tgacgattat catttcgaaa aagagcactt ttacttcggc tactatcatc cggctcctcc    60
cacaaagcgg cgcatactct ggtttgaacg attgatactt aattttctac acattcaaga   120
tggccgaccg attcccttcg cttgaggact tcgattccgg ggcgcaaacc gacatcaagg   180
atccgaccgc tgagccatcg actgacgatt ttctcgctcg tgaaaaggct ctccttggag   240
acgacgccga acagttcaca accaacaatg acgccgctgc tttcgctgat gccgatgatg   300
accttcttgg tggcgccggc ggaaacgagc aatctacttt cgagtctcaa tttcctgacc   360
tgacccaacc tgaagctggc actggagttt ctgctggaac tgccattacc ggaggacctt   420
ccgtaagcta caactcagga taccaggcct ctttgagaag gagcaggaac ccgaggttat   480
caaggagtgg ngtgaaaagc gagacaacca nattgccanc gcgccganca attcgctgcc   540
acgcgaagaa caattagggg gtcancgaca tcntgatttt cccactcaca caagaaggga   600
agggntncca aaccaaagaa ccccagttnt ggaagccaag                         640


<210> 1565
<211> 562
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 1565
agaaggaagc gagaaggaag ctttacaagc tanccctcgaa gaagcgcatt ttcggcagct    60
cagaaagaag aantntcgca gaaagatggc gaataacgga aatttcgaga agccagttcg   120
gtatcagcaa aggataaatc aaatgctgga aagagaggca aacctagcaa gcagcgacgt   180

```
gatgattccg atagctttga ttcgcgacac cactacaccc catactgggg acctcagcag    240
cagacttggg tgcctcaacc acagtatatg ccacccccaa accctcaata tggtgctcaa    300
gcgccaccag gcgcagcata tcanggccag atgggcccag tctatacca acaangccct     360
ggctatccct caatgcccgg aatgcctcca agccagccat atcctcagta ctctgtgcct    420
ccgtacccce ctcaagccag ccagcaacga tacccgcccg gtggaagtcc tatgacaaac    480
tatggtgctc cagtaccccc agcaggatcg cagcaaccgg tatggcaacc angttttgcc    540
cctcctgcgc cattacagca ga                                            562


<210> 1566
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1566
cgatgacttc acaaacttcg tgtcaactct caggcataac ttcaaacgat cattcttccc     60
agctaatgtg acgcggctca tatttagtca agtaataatt gtatcaagaa tgagtcagac    120
ccagtcttca cccacagtca tccagtgggt tatcgacact cgtcctctgt ggccatcagc    180
cctcaagact aaagatctta ccaccagtgc ttcgcgtgct ctttttcttc tcactgtcga    240
ggaacaagcc tccgttctga gatattacca cgttcgcgac gccaagcttg ctctcgcttc    300
tgcacttctt aagcgctatg ttatatctcg cttctgccag gtccctggtc tggagccaag    360
atactcgaga ccccgaacaa accgtgttta tctcgccatg cggcgatgac cactcatctt    420
caacatctcg catcagctgg tctcgcagtc tcctaccgtc cacaacctcc cgaaggactg    480
ctgtaggggt gagttgttgt catcggacta ggatgcatta cttactacan anagggtggc    540
gatttctcan agcagcgagt cttggtctga aaaatgaccg aacnatan                 588


<210> 1567
<211> 533
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 1567
gaggnccaag gcgcattgca aaaggntcta tacaatggcc aggacctgca tagcattcta     60
cgacatattc cagttgtgct taagaagctt gggcaactgg agcaaattgt gagcaagctg    120
ggtggatacc gcttttacgc agcgagcttg ctcatgtttt atgacggtga cacatcggag    180
gatgatgatt acgaaactgc gtacgagtca accaccgatt gtgccactga taccgaggag    240
acgccacgca agaaggtgaa gagcaagagg gagattgatt tcaagattgc agattttgcc    300
aatagtgtca ctcctttgat aacattgacg acaagccatg ccccccccgca gaacccgggt    360
caacctgatg gnggatttct taagggcctt cgaagccttc nagattttc ttagantcca     420
acgggatgtg angnaggagc tggggttgat catattggac gattntcgag ccncatggat    480
tacnccggaa atttggacct gagtccgggg nggcaggttt tnactngctt gaa           533


<210> 1568
<211> 597
<212> DNA
<213> Fusarium venenatum

<400> 1568
ccgtcatcat gtcttccttt cccttcacta tccaagaaca tacaatcgag gcttcacata     60
tacgtgaata cgctcgtgca acatcacact ctcaagatga gaagctatat cttcatatca    120
agcaatacac gcccaaagat aacacatctc cacaaaaggg cgatgtcaca atcattggtg    180
```

```
gacacgccaa tggcttccca aaggaactat atgagcctct ttgggaagag ttctaccatg    240
aatctaaacg ccgaaacatc cgcatccgaa gtatatggat agccgataca gcatggcaag    300
gccaaagcgg tctcatcaac caagacgcac tcggcaatga tccaagctgg cttgactatg    360
ctcgtgatat tcttcacatg atcaacacct tccgtccacc gccaccaata atggcaatgg    420
gtcattcctt cggcgcaaat gctctcacaa atgttgctct tcttcatcct cgtgtcttca    480
catctctcgt ccttcttgaa cctgtcatct cccactttgg cttccacccc tggcgcctcg    540
aacgcaggcc cgcgaacaac aagtatggtc gtcgcgaaat cttggccctc gcgcgcc       597


<210> 1569
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G


<400> 1569
caccgacaac ctgtaaggac atgaaatgga cggatcttat cgagttagat gacaaggccc     60
tagaggagcg tggtgtgaac gctcttggtg cacgccgaaa gatgctcaag gtctttgagc    120
aggtcaagga agccaaggcc gatggaaaac tgagctagaa acatcatgac cgggcatgca    180
tgcatagaga ccttcaaaag tggattgtaa ggtggtttgt tttctttcag atggtgctga    240
atttccttcg agttcttgac ttgttcgcct ttgttaccca gggagatgaa cgtcaacctg    300
cgcaactcag aattatagtc aagcgcgaaa accacgagnt tatcgcgacc gttatgagtt    360
gatagtaacg ccttgggtct tatttgcaaa aactgtttac ttatttagaa aanaaaaaan    420
aaaaaaantt tctgcggccg tcancattna tttaagggct anttncctat aggagngntt    480
acattactgg cggcgttta                                                 499


<210> 1570
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G


<400> 1570
ggnagagaag aaatgaggct attcagcgcg ccactcaaat tcaagaagag cttggacaag     60
gtcaacgccg agctcgaaag ggatcaagaa aggaggcgga agaagtctcg aaaaccagaa    120
agactgagct ggagcaacaa attcagaact tccaaggggg agattgagca gttacgacaa    180
caagcacaga ccacccagtc tgcaccgaac actgcccagt caaacgaagc ctcgggctcc    240
tctgagattg tcgctcaact cgaaaagcag ctggctgatc ttcgcaatga gcttgacagt    300
atcaacggac agaagcagaa tgctgagcca caacttgaga ctctccgtgg tgagctgcag    360
tcagctatct ctgancgaga tgaagtggct aggaagcttg aagaagcagc cacaccgtca    420
caccgtctgc acagactgct cccganattg tcctcaagcc accgaacaac ctgccgctng    480
tttttccgac gaaganaana aaggcctcca ggaaaaggca ccgcagctga aactaangcn    540
gnngnttcn aacagaaagn ttatgaaatt gaaggcc?                            578


<210> 1571
<211> 940
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(940)
<223> n = A,T,C or G
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<400> 1571

```
ttggtcttga ccaactctct gctcgacttc gtcccaagtc ggcttactgc aactcactgt      60
taaagccaca ttcttttcca agttccaaaa aaacgtacac atgttattat aacgaatttc     120
attttctttg tccttcacct tcttcgacca cctaggtcgc aactcatcat cacgaccatt     180
cgataatcat ttcttttgtc tgcaacctat cgaataccca atgagcctct gaataccaac     240
gaacaacaac aacaacaaca acatnatcaa caacaacaac aacaacaaac aatcgacctt     300
ttcactctgc tttatcatca cgacactgta cattgctcat atacttcgaa tcattcatat     360
ttcattgcat tagcttgagc gtttttcaaca gcttcaatat tccactccgg ccttcctgtt     420
ttaccggtta ttgacaaatt tcaaaaaatc gtttattcga caactcccct tttgtttatt     480
tttattcttt tttcgagtac tttttattcc ccctttattt tctctcttcc acaatggagt     540
gcctcaagga aaagttcgtc ggcggtgcca ttctcaacgg acgttatcag acaatttccc     600
ctctcaacca tggatctttt ggtatggtct tcaaggcgca ggatctcagg acaaacgaag     660
cctgtcgcca tcaagtgtct taccaagaan agcgcatgtc ccgatagtaa ttgggaattc     720
gctgtcgacg agaatcagaa gaggagccct ccacagccgc ctcggagctc acganaacat     780
cgttaacctg attgactctt tcgagaccga ttctcacatc tacctcgtcc tcgagttttg     840
tggtcagggc gatctctaca aaccatcrga aagggtcatg gtcctcttga aantgaacat     900
gttcgccaat tcatgcttga ncttatcgat gccgtcaatt                           940
```

<210> 1572
<211> 561
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

<400> 1572

```
gatgtcttta cccctatcgt cgctcccgag accgccgttc ccgctcgacg caccgttcac      60
atccctgctc ccaaggatgg tggtgatgtg ctaatcaaga ttgctgaggg taacactcac     120
atcaaggtca ccaagcctga gccnaaggcg aaggaggagg ccaaggatga ggatgactct     180
gactttgacg attccgatga ggaggatgag gagaccgtg agaagatctg gaagattgga     240
aacacacttg ctgaagccgc tgttaagggc gtcaaggctg gtggcaaggt cgaggtcacg     300
attaacgttc ttgccgacct gagtgtcacc cgttacaacc ccgtgaaagt ncggtggcan     360
gggtgggtgt tgcgaggaan natttaagag tcttgggatt naatagactc aaaagcaaaa     420
acttganttc anaagccgca atgattttat gaagtangca tttaangtgg atgggatatt     480
caaagcatgg ggtttatttg ggtagaatnt tanaagacac tatagagggt ctccgggatg     540
aaataaaatg gaaactttnt n                                               561
```

<210> 1573
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 1573

```
tttcanggga ctcaatctct actgatatca gtataagaca ttggtttaa tgattttgt      60
ctgactgtgg gacacgttga naaatattgt cccattcaca caaacaacct aaagacttag     120
acattgtgag ctacccacca tgctccaacg acaggccttt acaaggcttg ttgccctaaa     180
aaggatgccg tcaaagtga cagctacacc ctttgcgcca agattcaaaa gataccaggc     240
tttcgatgcc gacttggaca aagatgctct caatgaggct cgatcatggt acgattcatt     300
taatgcatct caactaccga aaggcaatac tacatttgct cgctccagtg gaccagggg     360
gcaacatgtc aacaagactg agaccaaggc aatcacggna tatccagtag gacaattgct     420
ctcaatactt cccgatcat tacacccac attcgcaagt ccaagtacta cacatcaacc     480
```

```
aatgactntt tgactttcca agctcaagat tcacggtctc gggacgcaaa tgcagaanac    540
aacaggaaaa agttgactga cgaggttgtg cccatttatn aaaaagccnc ncctgccgan    600
acaagtgtgg agaaaaaaaa aaaacatgaa aa                                  632


<210> 1574
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1574
ggaaaaggta cacgtagagt cgccaggcca ctaccctgca ctcaccgctt cgaatccatc     60
gtattaagca tctgctctca aaagagctag attcgaatcc tgaatacacg caagtggaac    120
catccctaag accagtatac aaggtcactc aactcgactc cgccatcgac gacgaagagg    180
atacagtagc catgagatgc aacttgcctc cccacaggga gccgctatct ttcagatcct    240
acgatgaata cgaggtgcac tacaataagt ctcatactaa ccgatgcctc gaatgccgca    300
agaacttccc caccgagcat ctcctcaacg tccatatcga ggaatatcat gacccgctag    360
tgactgtcaa gagggaacaa ggcgagcata cttactcatg ttttgttgaa ggatgtgaac    420
gcaagtgcat gacacatcag aagcggcgga tgcatctcat cgacaagcac atgtatccca    480
agaacttctt ctttgccgtc accaaggatg gtatcgatgg tangcgatcc tattgaatga    540
cggcagccac catcgccgcc gatcgtcaac caattcccca agctatca                 588


<210> 1575
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 1575
cgctgccggc cttgagaagc gtttcagtga gggcgccttc ggtctcggtg ccatggtcgg     60
acgtctgaac cccaagtgga acgaccctgc cccctccgac cctgctgagg ctcaggccgc    120
tgaagatgcc aagttcaacg aggccagcaa ccgcattggt caggagttcg accgcgatct    180
cgacggctac gctgcttcgt ggctacctgc ccgcaccatt gtccaggagg cattcaacaa    240
gcgcacacaa tacgatgagc aaggccgcat tctngtcctc gaaggccagt ctgtcccctg    300
gaaggaccac ctgtacactc ttgaggatgg caccccctct gttctctacg ttctatacgc    360
cgagaagcct gagcctggtg ccaagtggcg catccagtgc gtgcccgaga gcaaggactn    420
ctttgtgagc cgaaagccac tccctgaggc ttggagaggt ttccgggatg ctgagcttga    480
tggaatcagt ggtgttctng ctgcgtgttt tgtccacgca ctggtttatt ggcggaaaca    540
aanacttttg agggtgccaa aggagaatgg caattaaagg cccttgaggg gtnaaattac    600
gaactaccca anc                                                       613


<210> 1576
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 1576
```

```
gtcgtatgcc atggcttccg acggcggata tattatccct tctaatcagt cctctgatgg      60
atcctccgat cgaagctcta attctagtcc tggtccaaat atcaatctta aaaaacacag     120
acgatgctta gccaatgtcc gaagacatta tcccaagtat attattcttg tcttggtttt     180
cggatatatc ggtcaaacgg catacttggt ttggcttcgg aatggattag ctcgtattgc     240
gaatgatcct tatgataatc tgttctataa cctcaaccgc aatagcccag aaatttggga     300
tgaccaacac caagccttcc ttcgcaatgt cgatccagtt cctgtccact cacacaacga     360
cgaaaaccga cacatccctc tttttgaagc cctcggttct ggctgcgtta gcgtagaagc     420
cgatgttcac cttgaaagac aatgacctac tggttggaca ttctggaaat ggcctacaca     480
aagaaaacaa tctgntcgtc catgtatctg gaccaatcaa acgaatttta gagatgcgga     540
atccaggcaa tgacacccgt cgaagagtct acaaccgtca tcccgatcag acacttattc     600
```

<210> 1577
<211> 580
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G

<400> 1577
```
gtggactgat ataagaagaa gaagccatga ttctctactg ccaattcatc caaacaaaca      60
gaaactcgca cttgtctcga tcaacatacg atatctatca gaatgtctct tacagttcac     120
catctccaag tctcccaatc agaacgcatc ccctggttgt gtgaagaact caacatccct     180
tatgatctca aactctacaa acgctcccct cttctcgcac cgccagagtt caaagccctt     240
catcccatgg gagctgctcc cgtgatccaa gatggtcctg tcacactcgc agagagtgcc     300
gcgtgcatcg agtaccttag caacaagtac gccaacggat ctctcttcct gcgcccagac     360
aacccagcct atgccgactt tctctactgg tggcacttcc ctgccggtac tctcgggaac     420
ggctctgggg cgcatcatgc tgatccgttc cgccaagctc ggagatgata accccgttgt     480
gcagtttgga aaagcaaagt atagccaagc tttgaagctg ctggacgaaa aggtcaaaga     540
aaatgaatgg cttgncggaa atgaatttta ctgtcgctga                          580
```

<210> 1578
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 1578
```
cgacttcatc tccagccata tcctccccat aggaatcctc cgcgcttcca tcctcgtcgc      60
tgcaccccaa gctctccaag ctgtaattgc tggcctcggc gactggtaca cttggcagct     120
ggccgtgtcc attttcggcg ccaacagcaa tgtctcattc tttgctctct ttctgcaact     180
tttcaaccct tggcaatggt actgctctac aagaaccttt tcaaactctt tggaaatgac     240
tctcactgta atggccatgt actactggcc ctgggagctt ctcggtgtgg cagagacaac     300
taaggagaac cctaaaccta ccctattct caagaatctc cggtcacttc gggcctctct     360
ttgtcttgca gctttggctg tggttctccg acccaccaac gccttgatct gggtgaccat     420
tgtccttttc actattaccc gggtctcatt tcagggacct tcacctcttg gtctttcaac     480
agttctcaca ctgattcgcg aggccatctt gtgcggttct ctgatcctag ccatatccgc     540
tgcctcggac cgcagtactt tggcttctng acgtttcctg cttacaactt ctacacttta     600
acctatcaa                                                            609
```

<210> 1579
<211> 588
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1579
ctgggttctc aacgctgaaa cgcgttcgtt tctttccgac cgtaccatgt ggccgttcgc   60
tctcgctttc ttgctcattg ttggcccagg cgaggcattc atcaacaacc ttggaacaat   120
tatcggaacg cttacgcccc ctgaaatgga gggtctaagc catcgtacct ctgcggcgac   180
gcatgtctcc atattcggaa tcaccaacac cgcctcgcga attttcattg gtacacttac   240
agatttgttg gcaccgtacc cccagacaca gcatgttcaa ggacctcaga cacgctctgc   300
agtgagcagt cggttctcca tctcccgaat tgcctttatg gcatttttcg caaccatgct   360
gtctgtcggt cttctcattc tacctcaggt ctggtccana accatgctga acgcctctgg   420
cttgtttctg gccttgtggg tgcangttat ggaccatctt caaccttaca cctcttattg   480
tgacaatatc tggggcttga aaatttgcta ccaattaatg tctcattngc atctgcccgn   540
tgccggattg anatctnggg antcatttac tcccgacttt caaaacgn   588

<210> 1580
<211> 463
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 1580
cgacgaagtc ggtctccaga ctgtgcgctg gcacaagctc tgtatcaacg cggctatgaa   60
cccctcggct gtcctttccg gtggccgtgg aaacgcagac atggtcgcgg acgacgagtt   120
gcagcgacat ctactgggtg taatgaacga gatccgngac gctgtaccaa agatactggg   180
tcgacctttc ccagactata tggccaaacc agagaagatc attgaaagca cggcgcggaa   240
taagggtgcc aggccgagta tgttgctgga ctgggaggct ggcaagccgc tggagcttga   300
ggtgatcttg ggcaatcctg tgagaattgc aagggaaagg ggtgttgaga tgcccagatt   360
gaaagcttga tgcgcttttg aggtcgctna agggataagg aaaaggagaa caagggaact   420
gngacaatcg gtnccatgga cacaagtana atggttattt ggc   463

<210> 1581
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 1581
atgggtattg agaacgtact cagcaacgct ttggtgggcg tgaattctgt cgttctttgg   60
atcagccaga acatggaaga cgagtactcc tacaaccttt ccctgtaaac accataaatc   120
gccacgagtc gggcaacagg gtcgagccaa catcaaggcg cattgatggg ttgagttaag   180
cattggatgt acgattaata acagaagtct aaagcacatt gatgggagga tgataccct   240
tgtgagaatc ttgtgtctca gacggcaggc aagttcttct aaacgaaggt taaacagatg   300
ccgttggatt ctgtttcatg attacggagt tgcatgcgat ttatagtcat cagtgcagtc   360
ttggccatg tttgggatgt gtggcaaaag tatatttggt ttggcaaatt gttactcatt   420
agtgaagctc tgtgagcctc naattaaatc gttttttgcnc t   461

<210> 1582
<211> 961

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(961)
<223> n = A,T,C or G

<400> 1582
ttntttata tttgtggcgc cgggaacaac gactgcgatg gtgctcgcgc tgctcctgtc   60
atcggtcgag cttgggactc taaccctcgc aatgcgccca gctcgctcgt cggcggtcgc   120
gccggcgaca ctacctccaa ccgccagttc ttcctctgga ggttcggctg ggtcttcatc   180
ctcatcaccc tgttcttcga gaccattgcc tttttcaccg gcttcattgc ctgctgcggc   240
cgtctcggcg ccggcatctc tggcttcgcg tccatgttcg ccctgttctg ctcctctgtt   300
gctatgtccc tgatgactgc tacttgggtt ctcgcccgca acgctttcaa gagtgcgggt   360
cgttcggcct caatcggtcg ctacgccttt ggttttgctt gggcctcctg ggctgctctt   420
tncatgcca ccgttctctt ctgcctcggc atgcgtggtg acaanggctc cagcagcggt   480
tacagcggtc gctcatggcg tcgcaaaacg cagcgttcgc agcaccaacg gttacgaagg   540
gacgccgtgt gaaggacgac tactcttaaa ctatcactca aaaattgcca cttaggactt   600
atttaaacga tcggttttgg aagggggcgt tggcaaggcg ttaatcagga actcgagaaa   660
attcaacgtc aattttgcag aaaccaattg tcatctagcc ggccaactgc aatgcccgca   720
aatgcggcgg ctcaagtgtt ttcgacagct tgattttgct gttcatattt gatctaanca   780
ctgcctgttg tgtttggcan gcttgtacac atgaaacctt ttggnggaa gcattgaatg   840
cttcnaaaat gttgaagcga aagttcnacg agatctacga gangcttgtt cgcaatcgcg   900
taatanttat gaatatatga tctgcagtaa tacaagtntt ttcaaattna aaaaaaaaa   960
a   961

<210> 1583
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 1583
cctgcccttt taacatcagc ctctgagtct agcgatgatg gaatccatct aagtccggct   60
gcagctcgtc gattcgctcg ccgcaaccta cgccgccaat ctccaactcc cgaccttgtt   120
actagcctcg tnaggccacc ctccccagat actttctacg ttggagcaca gctccctcat   180
caggcaggc aagatgttag aggccgtatc gattcttcat actcttaggt gtattaata   240
ccgaatgtca actcggaccg gcggaccgga cccatggctt ctcctcacct ttcttctctc   300
ggaatcccca aacgctatgg aggaaactyc atctttgaca tgtactcttt aacatacgtc   360
acggaacccg acccaaactt actgngcccc atttgccacg atcctctngn ggatcccgtn   420
acaactcctt gcgaccacac attctgctat cgatgtttac ggcaaagcat tgattctagt   480
ccatcaggga ccggttgccc catcgaccgg gaacctttag catggcccaa ttgnttcagc   540
ggcgccacga ctnatncgaa cgcagttaac aacatgaagg ncaagtgccc tttatcacnc   600
acgaaggatg caagtn   616

<210> 1581
<211> 481
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

<400> 1584
ntgaaaattt gacagaatnt gagcttacac agcatnggtt aacccagnaa cgntacttct   60
ctaccactac gaagatactc tgttctatct gntggaagac accgtctgcg tccgacgtga   120
agctacttgc gactgcgata cccntgcccc gaactcaatt acctgtaccg nttcagctnt   180
atcgaacctt gttgtagctc gcctcaatat gtctagaang agcaacacca tgtcaggctc   240
taacggcaac accaaggacg ttatgtcatc taacagccca gncattgaca aacaaaagac   300
cctttttctg ctgatgttgg acacttttct ntggtcgtgc catgcacctt gccgatttga   360
ttaccctatg aacgggncat gcggggcatg tcatttctct tgntcgaatc ncactcgggg   420
atcccaagga tttgatatct ctgggtggtc cttnttctgc ttcggntttt ttcgactctt   480
t   481

<210> 1585
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 1585
tgacgaaata gtcttcaaag aacttggatc gccattccct ttgaacggtt caagtacttt   60
anaacttgtg gagtgtgtta tccgagccga gctacctgac gttggtggaa acccaaccga   120
gagattcatc gttggtacga gtttttatcag cgatggcgaa gtggaagatc cgaatggcac   180
ccttggccgt attctggtcc ttggtgttga cgcaaaccgt caagtgtacc agatcgtgtc   240
ccataatcta aaaggccctt gtcgctgctt agggatgatt ggagacaata ttgtagctgg   300
gctgtccaag acagttgtgg tgtacagctt ttcgcaggag acaagcagtt ccggttcact   350
acagaaactt gctgcttatc gtccagctgc tattcctatt gatatagatg tatcaggaaa   420
tatgataggt gtaggcgatc tgatgcaatc actgtctttg gttgaattca ttccggcaca   430
ggacggcaat aaagcgcaat tacaggaacg agcacngcat ttcgagtcgc tttggaccac   540
tgcagtctgt catatcgaaa ggggaaaggn ggctnagang cggattctcg angcaatctt   600
tgttgttntt caacgaaatg nggatgc   627

<210> 1586
<211> 306
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 1586
cgtactttt catcgacaca gcacgcancc taatgagtta ccttgacacg atcaaaaagg   60
ttctgaaacc aggtggtcac tggatcaacc tggggccgtt gntttatgga accgggccgt   120
ttgcgcagtt gagtttggag gaggttttgg tggttagtga agctttgggt ttcgagtttc   180
ttgaaacaga tganagttgg ggaaagaana cgtttganga aanaacaata atngtcaatg   240
gaggcggcgt ntgggtttag atgacaggc tttgacaaag agcgcatata atgcgcagtt   300
nntggg   306

<210> 1587
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)

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<400> 1587

```
tgctgcctac tggatgttat gccggaccct ttggtgctcg gccacggnga cctttttatgt    60
ggcaacatca ttgtgcaaga gtcggctgat ggcatggagg ctgtgaatgg tgctacagat   120
gtcgcaacag tgcgcttcat agattacgaa catgccacct actgccctcg ggcgtttgaa   180
cttgcgaatc atttcgccga atggactggc ttcgagtgtg actacaccaa gctgccaagc   240
acgtcaaccc gccgagactt tgttcgtgag tacctcaaga tgcacgccga ccttnatcgg   300
caacaccaac acaaacaaga ctgccatatc gccgactgcg acttggcgag aaaaacaaaa   360
tcagatctac cgggtgccaa tgacgcccag gtggagaagc ttatgcgtca ggttgatgat   420
tacagggggat tccctgggtt ttactggggt ctatgcgctc tcatccaggc tgagacagcg   480
accggaacta tcgactttga ctacgcagga tatgctcaaa agcgctttgc tgaataccaa   540
gcatggcgca nggtccaaga tggaaatgtc ngatctggng angaaaatcc cttgcgtgaa   600
aanaaatggg cgcttttggg agggcatcca aaaagcnn                           638
```

<210> 1588
<211> 804
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(804)
<223> n = A,T,C or G

<400> 1588

```
cggtcatcca actctcgctt taatccagtc tctcattaat ctaatacaca actcaccaag    60
tcactntttt acttgtttaa tcttcaatac cttcacgatg aagttcagcc tcttctcttt   120
cgtcgctctg gcctcttccg ccatggctgc tcctgccgtc caggtccagg ccaaggccgt   180
cggtgccggt gctgtgtntc acgcccgaca ggttcccgcc gttcccgccg tccccgctgc   240
cgtccccgag gtcgtcacct ccaccgtcag caagaccgtc accaagaaga tcacctntac   300
caaggtcacc aacaccggcg gcgtgtcaag gttcttaccg ttgctgtcga cgaggtcacc   360
gttcaggttt ccaccatcaa ggcgaccatc ttcaaggtca agaccggcac tcttagcaag   420
gctgctgcca tcacccacgt ccaccagaac gttgncatca tcaacgacct cctaccaccg   480
ttgtcgacca agctcaagga tgttgtcagc atcgatgtca acgtcntgac gtcaagncat   540
cctcggnctt gtcatcaagc tggtcacnag ctcgtcggtg tcgctaagga catctgagcg   600
tcttcggttt gacaacatct tgggaagcgc ctcaactctt ttncgttcgt gggaactttc   660
tnaacctngt tacgaccttg gcggggatat cgtcccggng ttttganaat ntaacaacgg   720
ttntgagcac ctttttcggta ntccctnggc ccgtnattaa accggtttca ccgttgtngg   780
gggcttaccg gttacttaaa cagg                                          804
```

<210> 1589
<211> 1043
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1043)
<223> n = A,T,C or G

<400> 1589

```
gcaagaaaca atcagttata cagtcttctc acggataata tcataaacaa caacaaaaag    60
atcgacagga tcaccggca gatcctacac tttccataat atctacacta cctcctacta   120
tatacattta gaagccagcc aacaactgct gctctatcca ccttccattt tacaatcaca   180
acacatcca aaatggagac ctcaccgcaa cactcacgat ctgcttttc cgcctcgcgc   240
cggtcaaatc gatcaaacct ttctctcgat ctctctaacc ttcccgccat gacccgcct   300
acacctccat caaacactct tctcttcacc aacctcaccg acctagccat cttcctcccc   360
gagaaccttg aggtcatccg cgacctcatc acccactccg ctcccatcca cgcttttgcg   420
cccctaaaat ccttccgtcg catcgtcgtc tccttctttg acgagcaggc cgccattgcc   480
```

```
gtccgccagg tctgggataa cgaggctatc atgggccagc agtgccgcgt ctactttggc      540
atgcccactc ctgtcgacaa gcgcgatgag catctcgccc ttcctgacgc cggcaagctc      600
ttcttcatct ctcccccacc tagccctccc acggttggga gatgcgcatg gaggatgcgc      660
ccaacaagct ggttcacgct gaggatctcg ccgaagccct cgctaagttg caccaccgcc      720
cggacctatg gacgaggacc agaactcgcc tgtgactccc cacgactctg ctctttcagg      780
tcgcacacgc tcttcgctct ttcactctga tctacaaagc cccgaaaaca aaaacaagta      840
tgcccgctgt cattggtgat gacatgacag atgagcctat cgagtacagg cctgtggagg      900
caatccaaac ccatcatggn gcatactggt tgacctcttg tcgaagctga tgcaccacgc      960
ctaaactggg cacaaaatca atgaacaatg gtggttttac tttggcggtt naagggacac     1020
aatacnggaa tnggggggtn ggg                                            1043


<210> 1590
<211> 923
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(923)
<223> n = A,T,C or G


<400> 1590
cgctttcgtt aataagagtc actcttgttg ctttcagatc atttgaagct cactcgctat       60
ttacaacaca tcaatcgttc aagtaaacta cctacctacc tcctaatcaa catacctcaa      120
ccaaaatgaa ngctgctctc ttcatcgctg ctgccggcct cgctgtcgct caggatctca      180
gtggccaacc cgagtgtgct ctcaaatgtc ttaaggaatt catccccaag gccggttgcg      240
agctcgacga caccgcatgc caatgcgagt cctctttcca aaccaagctc gctcccatca      300
tcacaccctg cttgaccgaa tcatgccagg ttgaagacct cctcaaggct cagcaggctg      360
ctgtcgatgc ctgcaaggcc tacgccgcca ccgctggcgc cggctccacc actgtcgttc      420
ccaccgagan tctcggctcc gtcaccgtca gcatcgacac ctccatcact ggctctgcca      480
gcgttcccgc catcttctca agcatccctg atgagaaacc cattcctcct gttactcccg      540
tcccggtaac ggaacaatga ccaagaacat gacagaagga ggtggatccg gaagaagcgc      600
tgtcacaccc actggtactt ccggcggcgg cggcggaagc ggaagcaccc ggtggtgcca      660
gcaacggttc ccaacggacg cttggtgctg ctggcgttgg ccctgccatg gggcttctcg      720
ccatttttgc tgctgcattg ctctgtaaga gctctcctac atactggatg tttgtacata      780
atgcagtatt accatggaac aatttgggaa agctactaac tggagttatt gcgaangaat      840
cacgacatga ccttacattg aagtttaatn tttcngaaac acaaaaggtt gccattcccc      900
gnntgggaaa actataatag att                                             923


<210> 1591
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G


<400> 1591
gttcgcaatc gaaagaatgc tcagactgct gtatcggcc attggtcgag gcgaatattg       60
aacaggagga caaagacata tggctttac gactcaaact acaccatgcc ctgtatgacg      120
gagtcagtct tccagcacta ttaaagcgtt tctccgagtt actgagtggc gctggcacta      180
tggaaaataa gggcctcttc cagtggaagc aatttgctat acgccacact gtgaatgaag      240
ctcgtattac aagacgagaa ttctggacaa cgtatcttaa gggctcgtct ctcagtcctg      300
ttatgatcaa ctcggaagta gatgtcaaga taccgaactt cacatttgaa ccagtctgcg      360
atctcagana tcggtcctat ccaggtcctt gctacccagt ctggcgtttc cttccagtct      420
ttgtttctct cggcttacgc tagagcactt gccaagcana acaatgtctc tgatgttgng      480
tttggggtgt atcttgccaa tcgagctggt gggnangacc ttccttcaac ctaccccact      540
tgaacttgtc ctntaanggc aacttgcctg caatcganct ttaatagntg ccgcccnac      600
```

attcaaangg atattcnctg atcacatccg acgg   634

<210> 1592
<211> 433
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 1592
cgtcgccttc caaccatttt gtgttttttca accttgcaca acactcnttt nttacgcggc   60
cagatagtta caatggccaa cgaaagtgat cctntnttat ccgggaccgg ccacgaccgc   120
tccgatgccc atgccgaaag caaggcccat cgaaactcgc gtctccgtga gctcggcctg   180
tttgcctggg ctttgatcgc tactgccgct gttatcgtgg ttgctatctg gactcaacat   240
gaacagcaga caaagcatga ccacaacacg cctgcgacga agcnaaatct cgtnttcatg   300
gtgtcagatg gcatgggccc cgctacatta tccttgactc gcagctaccg acaacacgta   360
gaagacctca tttgggcgat ccctcacact cgataagcat tttgggggca caagcngact   420
cgntnaaaaa gtt   433

<210> 1593
<211> 591
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 1593
caaatcaata atatctcata ttttggagtc aatacgcatt ctcacgttat ctgtcgcagc   60
aatcaaaaca gcttgaaaca atcactcgat attactacga catttcgcaa ccgataaact   120
attcgcgtaa caaacctta aacaaacgcc aacatgtgtt tcagtgatcc caagcccaag   180
accaagtact actaccacga agagatcacg ccttctcggc gatacaccgg tcatcatcac   240
caccaccacc atcaccatca ctcatcctcg cgctctccac gagccagcta cacgagtgtc   300
tcaaggcggt cttacagcca cagcccgcgc accagcgaac gtgttgtcta cgagcgccgt   360
tgatcgtcca gagaggagca atggcaaatt gcggggtgta attgaaaaaa gtatgacntt   420
ntcaaagcaa agtaacactt ggangctgcg ttagnggttt ggcaatgggt ttttgtttga   480
gcgaaccttt natttngggg gggaggatat tgtntgttaa aanatggtna ancgggcntt   540
tttgcnggca ggttaacccct gcncgatgaa tgaaagnctt gacantttat t   591

<210> 1594
<211> 827
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(827)
<223> n - A,T,C or G

<400> 1594
tcggattcca aatcagccga cctgctgcaa tatgcacagg aatatgcctc caaagatgaa   60
gacctctacg aacttctcgg cgtcgatgcc ctcacaccca aagaggagat tcaccgcgct   120
tggagaaagc gctctctaaa gtatcacccc gacaaagcag gcgataaatt cgacccagaa   180
gtatgggaaa agttcgaacg tgcccgcgac atcctttccg accccggggc gcgcggtgcc   240
tacgacggcg ccatcaaggc cgcctcctac ggaaacaaga gcgcgaagct atggatcaga   300

- 623 -

```
agcgcaaggc tctagtcgac gatcttgaag ctcgagaaaa cgcttggaag gttcagcgag      360
aagaaaagga gcaacgggag aaggatgaga tagagaagga aagggcacga cttgtcgaac      420
aaaggcgtct gcgcgaagan gaggaacagc gtcaagcttc ttgctgcgca agaagtcgan      480
gatcttgctg aagcaaaaga cgtctgaagg aaaagaagga gaagaagaag caggatgagg      540
cganggaaaa atttttgcg taagtcgcga atgggccgca aagctacaga tgggaaagcc      600
acancttggc caatcaacgg ngccattaaa ctgccaggag attcttcgng ggttttggc       660
ccggacanaa ctttctggga attagtctgn gacaacttng tgcggttcag gccgtnaaaa      720
ctgccaaana attaagcacc nccggcgaat accacaacca aacanggctt ttttaaacca      780
aanacaaggn ttnccccgct gaaangcgat ttgttgacng gcntttt                    827


<210> 1595
<211> 793
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(793)
<223> n = A,T,C or G

<400> 1595
tccaaggaca aaaagaaaga taaggataag gccanggggg agcgaaatcc tttcaatctc       60
gaggctgaga aggatcagat gaagtctgtc attgccgact cctntattgc agccacgaat      120
ttgatgaatt cgcttcaaag cgttaaccgc gaagttgagc gcatttcgga aaatcaagtt      180
gcggnggaac gtttcgaagc ctgtaagctc ctganacnaa aagtttcgcg ttatgttcat      240
catgtcnaaa aanagcagtg gttaggaggg ttactccacg ccaatgacga gcttgtccac      300
gctctcatgt natttgaaca gttcgattgc tctattgacg cggatagtga ctctgatgac      360
naacttgctg agcaagccca tctgtaccga atggctacaa tcaaaggcaa ggaggccatg      420
gccaaagcag cccgcccagt ctccaactac ttcgcaaccc ccagatctgt cccgagctga      480
acatttcaca ttctcctgct catgctgctc ctcctcgccc tcctccaatg tcaaagcctc      540
actcaaaccc acctccccaa cccccacggc cggcagcagt gtctccgcct ccacaggatg      600
aagaggatga cgatgaccct tttggagatc acatgcctcg atacaccttc acacgagcgc      660
gaacagncta ggtggtgacg atcgaaagca ggcgtcaata tcggtagttg gaatagttga      720
attaggcaca ggctttgtng gtagaacatt tangcacgac attacagtgc tatatcaaat      780
atcttaccat tcg                                                        793


<210> 1596
<211> 638
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

<400> 1596
ctgggatcat tacgtccctt cgccatgctt ntttctcgcc atggaagtct tcgataactt       60
ttctcacgac ggtattcgct acgacatcac caccgagcaa ccctgcagg gccacgtgct       120
gatcgacagc gatggtgact tttatgagtt ctactcgaga gaactggatc ctcttgtagc      180
atgatacttc cgagttgtt atgctgcaac ggcaggaaac tatccaagc cgtacccag        240
caatgcggtt ctgcgctaca tctccagcaa gatgcccttc gctgccaatc tttccgatcc      300
cgagttcatc cccactgggc tcatgcagtt cttcgacgtt ctngaaaagt acttccacg       360
ccaccgtctt gtgacgtctg actttgactg gctacctcaa gctgtcaagg gaatgaatgc      420
gcctgttgtt caaacaaggt accacagaag gatgggcccg tcacgacacc tttagttcac      480
caagggttat ttttgacatt ntgttcccta cagacttnca aaacacgga agccatntac       540
cgngccatta cgggtaaago tttccggtgt tcgtcgcat gggggaattt cntgccccaa        600
gnggggccnt nttttgaagg acacaaaaaa ctcnnaat                              638


<210> 1597
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<211> 577
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 1597
ctacatcttc cttctcggaa cagccttcat gaaggccaag tggcgagcga ggatcggcag   60
tttcctctct gtgtacagtt tgatcattgg acgatgggac atggccacgt tcatgggcgg   120
catgctgctt tcggagcatg atattcgacn atcatccgat ctgccacctt cagctgctgg   180
agccaaagga cgtggaagag acttccaacg aacgaccagg ggaaccgtgt tgagatgggc   240
cggtatcatc ttagcgctct acttcctttc ataccccgac gccggcgccg aatacactcc   300
cggctttgca tatctttcaa cctgggtgcc acggtactac atcccacttt ccggctggat   360
gttttaccan gcgatgggtg cggttcttct cgttgcttgc atcttgcgca gtccggcact   420
tgttcgcctg ctcgaaaatc gcttcccgca gtacttgggc aaggttnntt ctcactgtat   480
cttgtgcatg ggcctgtgct accantctcc ggttctggat aatgccccng ttattgatan   540
cttggaaana tggcggtatn cgtcgntggg ttatctn   577

<210> 1598
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1598
tgtggttctc gtcttgagtg gcgttgactc agagacccaa cttggccgta acctgcgagc   60
tgtgggactc ggcaatgatg gcattgaagt catgatgttg ccgaatctga actctgccct   120
tgaaagctgt gagaatgagt tgctcaagac tctctacgct cggcagaaag agatcaattc   180
tttgagacgt atatcggcac agtcagccca gaacttggat gttccttcta caagtcgtc   240
tggtttctca tcatttgatc cgcctttcaa ctcaccacgt cgcaatcatc tcgcagaggc   300
cgctcgcgat actttgagta gcatcgatgt acaacgtccg aanaagtggc agantttaa   360
ggaaccccctt cgcctcatgc ttcaggtttc cagggtctga gcgacaaaaa caaggacttc   420
tggttcccag caacctctta cttctctcga cgtgaaattc cactgggact gttctttccg   480
gcgtggaaaa naagccacgg attctacctt gttgancgtg gtatcgttcg cnccaantac   540
aatctccccc aaggatggtg gtgcgaaaca ttgtcgctgg aac   583

<210> 1599
<211> 412
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 1599
acgacgcccn tactcccggc ggcgcactcg gtgccccaac tcctggtgcc atgaacgctc   60
ctacactgg tgcttactcg gcgcctacgc ctgctgctat cagtgcacca acgcctggtg   120
gctggcaagg cggatgggga gcagattcgg cacctactcc tgctgctggt gctcccacgc   180
ctggctacta tgctgctcct actnctggag caagttacgg tccaccagag actcctgcag   240
ctaccggtcc tcgatacact gatgatgatt gattacaggt agtacaagac tgaacagata   300
ttggggtgtg tatatggngg atgaatgcaa aaggcgtttg gggaagacaa gtaattgntt   360

- 625 -

taattaaaaa aattttqqqc gtacccccat ttagcattgg aaaaaaaaaa aa   412

<210> 1600
<211> 364
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 1600
aatacaacaa caacaacaac aacaacaacn ctttnatcac aaaactatat ccaacatgcc   60
ttcttacatc gttacctgca aggaagacgc cagcgacgag caggtccagt ctgctaagca   120
gcacgctatt gaccagggcg gcaagatcgg acatgagtac agcctcatta agggcttttc   180
cgtcgagttc cccgcagatt ccgttcagac cctcgagagt cacgagcata tcaaggctgt   240
tgaggaagac ggcgtcatga cgacccagta gagtccagga ataaattata agagatgggc   300
gacatcctat agatcatctt gagctctgtt gcactggcgt tctggaatat aactattaaa   360
ctac   364

<210> 1601
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1601
tctacaggcc gnctctttcc tcagcaacct agaggttgtg caactactgc tagacaaggg   60
agcggaggtc aacgcgcagg gcggcttata cggcaatgct ctacaggctg cctcattttg   120
cggcaaccta gagattgtac aactactgct agataaggga gccgatgtcg acgcgcagac   180
tttgcaggct gccttatatg gcgggaaccc cgagatcgtg caattactta atctgaacgg   240
cgccaagatg gtatccagga agcgatctag ctcgaaaaac gtcagggaac gaacgaagtt   300
acctcggctt tagactctac cggcttcggt tgcacctacg accaaacctn cagcctttat   360
gctgtcgaag ccatggcccc tacctgtcat tcgtacccaa gtaattgcgt tgatgttggt   420
attcctatct ttattctact ccagtcgaat acagacgcac gggtaattcc ttaggaggat   480
tatgtttgat gcattgacgc attgagacgg cgtcgtgaca aggttngnaa agcangcggg   540
agaagaacat tagtcagaat gggatagtga tagactcanc acatatgnta gggatttacc   600
tccagagagt tgagagaga   619

<210> 1602
<211> 380
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 1602
cgaaaagatg ggcgctgaag cccgaactgc tcattctgat gagttcaaga atctcgagac   60
cgagatggct ttgcnacaag atggcatgga aaagatgcaa aagtcaatga gcggctacgt   120
caaatggntg tctcgtcgca atgaactgat ggaagacaag gagcgcggcn ccccaatgtc   180
gtctnttggn cgaactatgg ccactcatgg ggaggacttt gagcaggatt ccgagttcgg   240
aaactgcctc ttatntttgg gtcgcnccaa cgagccgtat tggtggtatc caggactntt   300

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atgttgactg cgccaatgcg acctggctgg acaacctcga agaggagttt ggcaatgatt      360
gcnaaaagtc canaacgctc                                                  380


<210> 1603
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 1603
caaactcaac gaccttgtta acgtccacat gtccacgtag caccccttc cttggcgaac        60
ctcaatacac gttatagcca cagctacaag agcaattgat ccatcgaatc atcatcatca      120
ctacctcatc gcgaataatc caccacctcc gtctgtataa tgttcacatc cactcggcgc      180
tggttgcgca acaaccggac acccatcgct gttggtgtgg gcgtcatcgg tgctggctat      240
gtcgcgactc aatatgttat cggcaagctt aacgatgctc gcgagcgcat gagcagcgat      300
cgtatcgcca aggagaactt gcgacgtcgc ttcgaacaga accaagagga ttgtcattca      360
ccgtctggct ttctgccttc cgaacgactg cattatcgag gcatgacacg gacagatcac      420
actagagatt aacagatgaa ggcaccaagg cataaagaat ggcgnaccaa tttgcggaca      480
ccaagcttgc gccacattgc ngagaggacg ganactggag gcaaacagac ggtcacccnt      540
agntccacgc tacattaag                                                   559


<210> 1604
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 1604
naagcncttc ttacgcgact tatctacagc gtcattgtga ttcaactgtt tctgnggcta       60
gttgatgggt tcccgttttt gggtacaatc ttgacgattg tctcgcatat cgtttatctg      120
ggcaacatga gaccttcctt tgaacangca aanaggac                              158


<210> 1605
<211> 782
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 1605
caaaactcct cattcaaata ttccccgttc ctcaacaatc ctttaggatc cattcatcca       60
caacaactca atcaattcca ccctcatca nattacccg cctccatcat catgtcttac        120
gcgatattg ctgccaaggg tccaagcag agccccgagg atgctgctgc ccctcaacct        180
cctcaaatca tgactgacga gtctgcctcc accgcctctc tggtcgacgt tgacatgcct      240
atggtgcaca ccgtcccaa cgacttcctc gagaaggaga ttcagacga gactcaagca      300
gccgcgtcg agcgagagga ggaggctaag caagagaagc gaaagcgtga ctccgccgcc      360
tgaaaggtca aggagaccga caactggctg atccagcagt tctccaagct gaccgacggc      420
gaggccaccg gcctgactgt cgccaacctg gccaccgtcg tcagtctcgg tgccttcctc      480
ggctacaagg gctggggcct gtacgaaaag ggtaggctcg actggaaagg ccgtctctta      540
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- 627 -

```
cggngtcggt atcctcgcca gtgccgcggc tgctcaaggc gcttgttgga agatacctgt    600
acaagggcaa gaagggtggg tctttnttaa aaagatgatg aaaagtgtga aagtcaacaa    660
aaaccacagg ttgcgaaagc ccttgcgcag atcaactaca gaacttcaga tcccgnaaca    720
aacaacgact cggactatga agaagaatac cctggnggga atttnttgaa ggatgaatgg    780
aa                                                                   782


<210> 1606
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 1606
cgaggctgcc aagttgtttc tcggaaacgg taacggtaac aaaagcgcca ataacaacaa     60
caataccact aacaacaata acgggagtaa tggcacgcca aanaccccaa cgtntgagac    120
gcccattaaa gaaaccccca aacccaccaa aactcgagca gcatcgcggt caacgaagcg    180
caaaanagaa ccagagcccg aagaacctac anatatcaac gggagcgccn aaaagaacga    240
gaaccgacct caggtcaagc ggaccaaaac cgaaacgccg gtccctccgc ctacgcaact    300
canattaagc angggcccga gccccgagaa tccggcacca gtgcctacaa cagcgcccgt    360
tgatcatnct gtggcataca taccgagacg cctgtaccca tacccattcc tgctatatca    420
accaggggggt cggcaaagtc tccaacaccc aacccagttg cagcgtcaaa tactggacct    480
accaagcctc tggtccttct naagaagacc ccaatcccct tgccgttttc tgaangaana    540
aaatcggtga ccccttgtgc tgcccagngn ggggaaaacc cccaaaagan aaactcgggg    600
ngatgcnaca aaagangacc aagnaggcac acnt                               634


<210> 1607
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 1607
cagacagaaa cctcatttcc tatcccctgg acgtaatcgc tccagtttct gatttctcgg     60
ctcctctgaa cgacaacccc cgacgagcgc cgcagagact ggctaaagat gtgacttatt    120
ttgccacagc taagatgaag gacagaatgc ttcttttcta taagcgcaag gaaggtctac    180
atacgtcgtt caaggttctt gagcccattt tccaaaagtc taccgaaaag aagtcgcgac    240
tctttggtgg acgcaagaca agtggaggat ccgcagagac attccgtgat ttcgacgagt    300
ttttcttccc aactgagtgc tactcactga gtctgttcca aacgtacatt gcagtcgcaa    360
cagccaaggg agtagaaatg ctcacactag acaagaagca acccgatgtc aattcctgat    420
ctcaaaagca ccggcaatcg ctacattgcc agccgcatcc agaatcaaaa gcccgctngg    480
tatgttcaga ctcaacgaga atgaatttat ngtggcatac naagactgng ccgngtccgt    540
nggccagcac cgngatgtag gccgccactt atnattgggt cacggccagc agaagaagct    600
cgtggncgac atttacggca ggatntgntt tt                                 632


<210> 1608
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
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- 628 -

<223> n = A,T,C or G

<400> 1608
cactcacact tacttaccaa atacccaaac caaatatatc aatatggctc ccaaggttct   60
cgtcgttctg actagccagt caaagatgaa caatggcaac cctaccggct ggtacttgcc   120
tgagctcgct cacccttact acgacctcgt aaacgccggc gtcgagatcg tcactgcctc   180
tcccgcaggc ggtgaagctc ccctcgacca aggctccgtc gagatgttca aggccgatga   240
ggaatcagta aagttcctca acganaagaa caatctggga gcaaaccgcc ccctcaagga   300
attcctcgac aattcctccg aattacgaag ccattttcta ccccggtggt cacggcccat   360
gttcgatctc gtccacaaag anacttccat cnacttatcg aagaattttt acaagntggc   420
acctgttgct ccgttttcca cgaactattg tctttactca gttcanaatg atgaaacccc   480
tcctgaggac tttaagctac tggtttccac actctnagaa gaaaactntt ggttgaatac   540
cctatnccgt tctcctgaga anaaatactt ttggtggaaa tttttttagg ntg   593

<210> 1609
<211> 649
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 1609
ttcaactcaa ctctttagac tactttggtt tcaacacaca tacaatcaat caactcctat   60
tcaactatcc cttacataac acactttcct aaacacctcc caactacccc catcctcatt   120
caacatcatg tcttcccaaa ccactgctca atacttcccc aagatctact ccctcacctc   180
tgttgatcat gctcgctccg tttacgacga gtgggcaaag acctacaacg aggagatcac   240
aggcaagggc caagactatg tcggccctgc cattgccgct gcccatgttc cccaagccct   300
aggaactccc atcatcaacc cagacgtcga gatccttgac gctggctgtg gtactggcct   360
cgtcggaatc ttcctcgctc gtctgggcgc aaagaagctc gatggtgttg acctgagccc   420
cggaatgctt gaagaggccc gcactacagg agcataccgc aacctggacg tgacagacct   480
gtctcgcccc ttgtctgcaa agaatgactc ttatgatgtc gtgacgtgtg ttggcactct   540
gacacagtct cacgttggtc ccgaggctat cagtgaattc gtgcgtatcg ggaaacccgg   600
anggtacatc tggnccctgt attccgtgaa atctggcana atggaggct   649

<210> 1610
<211> 657
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 1610
cctatgcctc ccaacatgca gccaatgcag tatcagcaga tgatgaatcg cggaccgccg   60
cccatgaact acaactaccc tccratgcag gctggatatg gtggtttcaa tggccctaac   120
cttccgttg atragtatcg ccagcagaac atgcctaacg gaagccctat ccagccacct   180
gtttcgcaga tgcctcagat gccggctggc caaacccgt tcgccctcc cggattcggc   240
atgggaatgg gtaactacgg ctacggaaat atgggaaata tgcccaacat gggatacatg   300
caacaggagc aggtaaccc tagaagaggt cgcgtaagac aaccacagtc tcgcaatgga   360
cagccaagaa gaggggcta atcaactatt ttcagagatg atcaagacga ttgtagcttc   420
gcattgcttt aagagaactc aacccgttg ggccgatct tgacanggtt ttttctaag   480
ttttcanaca agttattgaa cacgacgcct tgangaggta tggnggtttt acttggggca   540
atacaagcga aaacacaaag cgttcacaag gggggnttaa atattggtt ngggccccgt   600
tttgcaactt ttggatggct tggncctttg gtttcccccc tggtgnttga tttttgg   657

<210> 1611
<211> 468
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 1611
```
cggtcccgct gctcaagact ttaaacagat cctcgacgca gccggtcgtc aggcccagct      60
tgaggagcgt cgccaagaga accccaacac accttttgtc gcaaacactg gcttcgaggt     120
tgaagatgaa tgtcttgana agcgtgtgtt ttaccgtgtc atgtcgggaa tgcacgccag     180
tatcagcacc catctttgnt gggactttnt aaccagacta ccggagagtg tctcccacct     240
gactgntcca acaccgtntt ncaaattccc cgaccgtatt ggaacgtnta cttttactac     300
gcctcatgac ccgcgccatc gncaagctca gcccatacct tcagaaggag gagtccaagt     360
tttgctggga gatccttttg aggatgctgt tccccgcgca aangtccttg aagtcaccga     420
naaagcacta gtgttcccaa atntttgacg agagcctnat gttgtaac                  468
```

<210> 1612
<211> 596
<212> DNA
<213> Fusarium venenatum

<400> 1612
```
atgagacagc gacagaagag tcgcatcctc tcgaatggaa gccaactctg gctcggagga      60
aattttaagg cgcataaagt ggcatttcaa ttaatgacgt attgtcccaa gacgccgctt     120
tgttggctct atattacagt tttttataca ccgataccca aggcctttaa gtccccgtcg     180
tcgcggaagg ccaattttac tttcatcgtc tgcaatgaaa aggcggaagc ttgctcgatc     240
gctcggcacg ttgagcttcg aggttaatta gaccggccgc tactaactcg agggccgcag     300
tgtgaatgtg tccagggcgg atcatcgggc gctgcccact cgtcattgtg ccctttagac     360
cgctattgag gactgccgca acgccaggga gcgctggggg aggtcgaaga ctggccttgt     420
gtatctcgtc gagggtctca ccaaatgtcg tctcggccaa ccccgttctt cggatacgca     480
gcaagagact gccatgacga gtttggacat cagggggaga ctgcgaaggt gctgttgaat     540
aggattagtg gtggcctcgt taatggccct tttaattgtt tgcaatggtg acgcgg         596
```

<210> 1613
<211> 218
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 1613
```
aqcgattcca cgacaagggt atcttggtca tgaacatggt tggacatccc aagcatgcna      60
caaangcctt ggagctcgga attgatangg ttngcactca angcagcaag agaagtggcc     120
atacaggaga cttngcaaac tcgattttta tncctgcggg tngccgacat cgcattaaag     180
tacraccctc ctntttttnaa agggacnacc tgcgttgg                           218
```

<210> 1614
<211> 522
<212> DNA
<213> Fusarium venenatum

<400> 1614
```
gttggatcgt ttgcatcatt ggcctcctta gcttcttcgt ctctgctctc gacaaaccgc      60
```

```
ttctgcaact cccactcgat gccatcgccg ttcttttcac cttcattgga gctattgtcc      120
ttgctgccaa gctgcgcgtc gtcagctgtg gagagataaa ccctaaagca ttgccaacgg      180
actggattgc atggggatca gcgagtgatg agggccgatg tcgccgattg caagcaagca      240
cagtttttat atggtttttg tttgcttgtg tatctggaag tttattcttg actatccgaa      300
atgcccgcaa cacctatggc tctctccgaa gcgccgcttc aagaccatcc atgtcacaga      360
tttcgtccag tgtgtgatga accatatggc accaaggcgc catcctacga tgggatatct      420
gtcgcacgag aatgtcgcta acgcgatcat gggagcttgt ggtcggatca gcaaggctgt      480
accaaggctg cgtgacactg ggccaatcat ttgggacagt at                        522
```

<210> 1615
<211> 324
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

```
<400> 1615
caggccaaga agggcaagaa ggataaggct gancgtangg ctgccaagaa ggctcgacag       60
aacggcaatg ctgccaatgg cactagcggt ggtggcagtg acgaagcctc tgacaacggc      120
tctaacgaga acgccgacga cgatgctggc agtgatgatg agttccaaaa ggttcaagcc      180
gaggctgctg cagccgctca ggagaacgaa gtcaaggagc acgaatgggc tgttgatatg      240
agtgaggaag ccgtcaaggc ccgtcaggct tctctccctg gcgagttcaa ggcgaagctt      300
aacattggcg atgatgatga cgaa                                             324
```

<210> 1616
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

```
<400> 1616
gtttcgcccg agcatcattg tcctggcacg gcccatggct tttgtcttca atggtgtctt       60
gcgacctcac ttaataccct tccaaaaacc tataattgtt cacccgccaa actgcagcta      120
cacacaggct tcttgctcac acggaaatga cgtgaacgct tgcagttctg tggaagtatt      180
caatagcaca cccagtcata tcgctagtag ggtctcataa tgaggcaaca ctgctaacca      240
gcacgcctcg atagcaaccc tcaccagtac caaacagaca tggcccgtcg taatgaccag      300
catcaatttc agcagtacgc tcctcagcct aatatggcac cgcagcaaca gcagcccccc      360
cagcagcaac aacatcaccc ggcacctgtt caacctccca tgaatgtccc tcagcaaccc      420
cctaatggtc cagtgccgcc tcagcaaaca cctacgccta caccggctcc ggcaggtcgg      480
cagcnaaagc ggccagcanc ttccgctgct cctcctccgg tcacagttgc cgcccctgca      540
cctgtcactc cctcccaagt tcagccacct gtggcagctc cgtctg                     586
```

<210> 1617
<211> 503
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(503)
<223> n = A,T,C or G

<400> 1617

```
ctcaagatca accctcgcgg ccttgtcccg acgattatcc acaatggcga gacaatcact        60
gaatcagcta ttgtcgcgca gttcctcgtc gacgcctatc ctgcccaaag caagactcta       120
ctccctgcgt cctcggaccg tgatggggcg ttgatcagag ccaggatcag tttctttgct       180
gatacctact ctagcaaggt ccagggccat ctcagcaagg ctatctacct tggaaagacg       240
gaccaagaaa ttgagagtgc tgttgatgat gctatagctg gtatcgtcaa agaggttgaa       300
cctcttctca agaacgccgt ccgttctttg gtggtagcga taagctcanc tttgccgagt       360
cctactgncc gtcgtcattc gacactgnnc tttcaagcac ggcttctacc gacnattttt       420
atcggcctcg aaaanaccc caactttnca agnggcncag gccatagtaa ccntgccagg        480
ggntaanaat tacatnggga caa                                               503


<210> 1618
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G


<400> 1618
tttnctttcc cgtacgctat gatatacacg ccaaccatcc gtcgacttna acggtctttt        60
tacaatgcca tagcgaaacc tagtagagaa ctgaaaatac cgacccagaa cacgttgaga       120
acttgcactc cagaagcggt gtttgctgga gcatctccca tcgtgcccat acttgtcggc       180
cgcgtcgcct cgaccctgac attgtccact tcgctgtcct tgttgggggt ataagtacgc       240
gattcaaaac cgcacgactt catgatgatg tccatgttgn tttgcttatg tccatccacg       300
acaatgcagt cttggcacaa tgctgcgacc ttggctacat ngaaactctt gttcaaacaa       360
acacagtctc tntctggatc gcctgatccg gtgcgtttgt ttgtaggcta ctgtgccatg       420
taccactcgc cgtttgcgat tcctncgaag tcttgaagtc tttgaagtcc ccgaaagtcg       480
aaagagtagt ctgtgtcgcc attggtgtgt ncatgagcat agacgccatc gtggtacgct       540
ttttcgttga aacttgatnc acaagtactt gaagtctcct tccgagtcca actcgatgcg       600
atg                                                                      603


<210> 1619
<211> 465
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G


<400> 1619
ctattatcat ctaaagccct aaacgattcg aaatttgcgc tgaaaacatg tatacagggc        60
ggagcaaaat gtgacgggca agaccatctg atgttctatc atagcttggc cttggcctct       120
ccaactggcg cccgaccctt tgcgagctca tcacataata ccaggggacg tccgcctctg       180
cttccgtcct gcgtcatcaa tccattatac acaccatttg tctctcttcc gacgccatcg       240
ttcttcatct ccctccagcg ccacttctca ccaagctcgc cgccctgacc ttgcaagaca       300
tcggcgatct tctcaccaag gttggggagg aacttgtatc catgcccgct atctcctatc       360
gtgacaaaaa tccttccacc agggtgatat cgatgaacac tcgcgttctcg tgtttcggaa       420
tacacanatc ccccccctcc atggcgggtt ccngccccgg ataga                       465


<210> 1620
<211> 600
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
```

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<222> (1)...(600)
<223> n = A,T,C or G

<400> 1620
ctctttgcgc ccacgtcaac aaggcaagca gtcaactctg actcgacacg ccaaggcctt   60
ttccaacctg catcatttca cctccgactt cctctggcga aaaacacgca ccgccttagc   120
gcgttctcct tccaaatcta cgtcgacctg tcgctactca taatctgtcg cacgcgttct   180
ccccccgacac ttncttccca tcgatcgcat tagcacttct actctgcggt acttattagc   240
ttaagctccc gctacatcga atcctgactt gtttccgctc gcctattatc taccgtatcg   300
cgacatccaa aaaaaaattc agttcaaata atacgattat tcacctccta tcaacatctt   360
cgcttcttct aaatccattt catcatgttt ttcctttata acttggaacg taaggcacct   420
tgcacccttn tttatgggc cgcaacatgc acgagctcgt gacgggcaag ctcctgaang   480
atgtcgaagg cacatgcgct ggcagctact tcatcatttc catcatggat gctttcgaaa   540
tttccgaaag gacgaaatnc tcctggtctt ggtttggncc anttcactgg ggganatcca   600

<210> 1621
<211> 467
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 1621
ggatgacctt atcacaacca ttcatctcaa tttattatta ctaccattcg ccgtcatggc   60
ttcttccctg tagagcgtca cggcttttgc tgtgactcga ctctcctctg gaacctgcgc   120
aaacatggcg gggaaacaac ctggggtatg gaagacgccc ttgactctca ataacgacac   180
caatgactca agcttcccgg nctccaacct actgcgagtc cggaggtcaa taacaaaatc   240
gaatatgaag aattacaaca gaacgagatc cttgccctcg aggctatcta tggcgatgac   300
tttggtaatg cattcgggaa cccaaagngc ctggaagaaa accgaaccac actttngaca   360
tacggataaa nggcatttaa aggatgaaga acttggnttg gnacggtnga gctttngnaa   420
tggactgcna cctatcccga aaatcccnac ttttaataaa ccttgaa   467

<210> 1622
<211> 608
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(608)
<223> n - A,T,C or G

<400> 1622
gctcaattcc ccgtccaatt gaccagcgat agtgctcaag cctgaaaggc actgctatca   60
aaaatgagca gggcactttt ccgctccatg ctggagctcc gagctcccag cgcccgattt   120
tcggcccct catctctact gccgattcga acccgcgcgt tcaacaccac agcgcccatc   180
atcgagcaaa cgttccctga gcgtcacccc aagaatgcgg ccaatcctac tgccaaccag   240
cccgacctc tagctctcaa agtcagccat cccaatccac ctccaaagcc catggacgac   300
tctgtcaaga cccttctacc attcctggcc gctcaaccgg atcattatat caccgttcat   360
gtccacggat tcccgtacct tgtccgggag ggtgatcagg tccgtctgcc tttccgcatg   420
cccggtgttc aacctggcga tgtcctacgg ctcaaccgtg ccagcgtnct cggtagcaga   480
gattacacca tgaagggcgc tcctcatatc gatgagcggg tttttgagtg canggctacn   540
ggtattggaa caagaatctg agcctctgcg catcaagatc aagaagaaga agangcagcg   600
aaggatga   608

<210> 1623
<211> 510

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(510)
<223> n = A,T,C or G

<400> 1623
gcggggcaca aagctccccg catcaaaaca acatgcggag cttccatacc atccgagctg   60
tactactcag ctggggaaag tcgattgttg ctcgttacta tccccaaggt aggtaaacaa   120
ttgcaacggt agccaanctg cagtcttaac tatgggtgac acatccaatc tctccggccg   180
ggactacgcc gttcaattag actccgatga tgttcttaga catacccgtg acgaattcaa   240
tatcccatcc aaagccgatg tagcacgcaa aactctccct tcgggcnaca gcacagacgc   300
gaacgataaa gctatatacc ttgtaggcaa ctctcttggt cttcagccca agcgcacgcn   360
gaacggattc agcagtactt gcaacattgg cgcaccaaag tgtccaaggg tcacttcnag   420
cccctggang antccctcta cgacttggtt agatgttgaa gctcncgcng ccaaatgaat   480
ggccctanct tgggtnncaa ggttagcgag   510

<210> 1624
<211> 682
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 1624
caaacctgca ccntatttca ctacacgaac acttcgaaca atggcttcag gcgcagtttc   60
cgttcctcct gnaaagtacg agtttcttgt cgtcgttcat gataanccca atatgcttga   120
naagcgactt gaagttcggg gacagcnttt tgaaaacatg agtcctgatg ttgagagtgg   180
aaactggaag atgggaggtg ccatcctcaa ctctgttccc aaagacgata gccctagcag   240
tctggatttc gccggaagca cacttgtctg catcgccgat tccgtagaac aggtgcgaga   300
ggcattaagc aaggatatct atgccacttc aggtgtttgg gatatggaca aggtccaaat   360
atatcctttc aaggctgctt ttagattcaa ctaatcttat ttctaatctt ctgattgaac   420
ggtgcgttcc aaacttnaaa agacgcagta accttcccag tatgaacccc ataatccatc   480
tattatgcga tcactaaggc cgtataatgg atgacaatat tatgccccag tgatcgtata   540
atcgntgaca ttttattttt atattattgg tcttatactg caagattgct gtgctttaaa   600
gatgcgcttt ttaaagattg aaaagtcggn tagattatca tacttaaatc agcaatagtt   660
aaagcaaata atcagttaca at   682

<210> 1625
<211> 337
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 1625
tgcccctcca cctcctcctg gtgctcctcc tggactgggc gacattaatg ccttcatcca   60
gcagtatgat ggtgcagcat ttccccacc ggcgcctctc gggacgcc cgccaccacc   120
tcccagtgat cagcctcctc cacctccacc tcccggtgcc taaacgaggc aagaccagga   180
tatccaaggt tggaagcttc tgacaatagt aaattctcgg ctaggggcta aagattgttt   240
gtcaaaccgg atattaggaa agggaataag cgatcgtttc taatgtggca gcgactaacc   300
agtacaagcc aagcttgtat ttcacttggn ccntttc   337

<210> 1626
<211> 679
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G

<400> 1626
gcagntcatg tgtcaaccag gacacaaggc aaaggaactt tgacactttc gcgttgggtg   60
atgtccgacc tcaagagttt tttaattatg aaacacatct cgaagtccag tggaacgata   120
accacagaag cattcatccc tggaaatggc ttaaatgctg gttcgctggc agattcacaa   180
aggagctccg tatagatcag ccacacgaac tatggggtaa agccatcgca aagaaccctc   240
caacggtcga ctaccgccta ggagccgagc agatcatggc cgatttgaca aaaaacattt   300
gggttcatgg tttttgtctt gtcgaaaacg ctgagccgac cgccgaggca acaaaggcct   360
tcttggagaa gatcggacca atccgcaaca ctcactacgg aggattctat gattttatcc   420
cagaccttgc tctagccgac actgnttaca cgaacattgg ttttccagca cacaccgaca   480
caacctantt tagcgagcct gntggcctgc aagccttta ctgttttgcg catgaagccc   540
cctgacacaa cccaaacnac cattggggggg ngagttttt ttggtcgaag gtttcacccc   600
tcttaaattt nttgnaacaa ggannccgg ggaatcttat taatntcctg gganaaactn   660
aaaatccctt gggatgccc   679

<210> 1627
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1627
ccaaccgcga aggacctcct tcgccaccgt ttcatccgca acgccggcaa ggtcgaggca   60
ctgcaggagc ttattgcccg tcgacaaatg tgggatgcca atcagaatag gcagaagcac   120
ccgatttatt accaagagac cctacagtca atgactccta aggacgagca gcaagaatgg   180
gtctttgata cagtaaagtc ggtcgcgccg ccgcccaaga ggccaactgt caagcagcac   240
cggaatccat ccatcttcaa cgctgaagag gcgatgaaga gttagatgt taaggatggc   300
cctctcggtg ggacctctcc tgcacctggt actgttcgaa agtcgactgt ccgccgatcg   360
tcgcttgctc agagcaccac atcaatgcga tcgagtggct ctccccgagg gtccnttccc   420
gccaaganac ctcttcagac ggacatgtcg tttggaaatt cgggatcgac tatgcgcctt   480
ttccnaanaa tcccttctga cagttcaagt cagggcagcc gaacgacttc gtcagannat   540
gtcttctgtg acaanaatca cattcttcca tnaacaactc ctgttgaacc   590

<210> 1628
<211> 545
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 1628
gtacacgaaa aggataaccc gaaaaattgc ctcgaaacta tgataccata agcatcgcaa   60
tcatttccca gcccagccca gcgcatcatg tcctttacca atacgcccgt gacccgcctc   120

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```
ngtgtggttg gtcttgtcgc cggctctatt ctaaccagtg tcctcgacgt caagcactac    180
ttctacatac tgatcgatac tcacatatgg cgctaccgcc aattctggan gcttctagcc    240
taccactgtg ttatgttnac tcaaccgaag tcctctttgc tgccatgtcc ttgtacaacc    300
tcagaatcgt tgaacgcatg tggggtctcg caagttcgtt tccttcctgg ctgtcactta    360
ttcacacgtt catcattcca ccaatcgtct cgatcgtgct gcgactctca ctgccggant    420
ctaaantana tcccggcngg cccactccca caattttggc ancctggctc attacatgcc    480
atggttcncc tatttcaata ccaattgcac ntctgaacac cncaaaaaac ggcatcntgg    540
gaata                                                                545


<210> 1629
<211> 548
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G


<400> 1629
acgatacatt gacactatca ctatatcaat tgacctcgcc tcatctctcc aacccaactc     60
accgccacca tgtctctngt acttgagctc cccgctgaat acggctacgt tcttgttgcc    120
gctacatcca ccttcttcat caacaccctc cacgttgtcc tcaccagcaa ggcccgcaag    180
cgaagtggtc tcaagtaccc tatccctacg cttcaacgac ctcgctgaga aggacgccga    240
ggcctacaag ttcaactgcg cccagcgttc gnacgccaac ttcacagaga accagatctc    300
cttcttgggt gctctctgat ctctggctgc gctacccgt tgcctntgct gtcctcggtg    360
ctggctgggg cgcttctcgt gtcttntacg ccattgggta ttctgctggc ggcccaagga    420
cgcatgggtg ggtctattgg ctctacctt gcgaagtgtc gctgaagnca tggccgncta    480
cactctatca tgtatgctat nggtaactga gttgacgtac cacaattgaa tataataatt    540
gggttccc                                                             548


<210> 1630
<211> 630
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G


<400> 1630
gtctaaacat ttccccttg ccagcatcaa cccctctctc cctctctcaa caataatcaa     50
gtggatactt ctctcatgac gacagccacg gctacggcga ccgtcgaccc cgcggcgcaa    120
gcgcaccagt ttcccctccc taaaatcctc gagtaccccg cgtcaacccc gccaatcctc    180
atcacacaag gtgccgaggg tcgtctctac aaaagcactt atctgttgcc ggatattccc    240
tgcgctctaa agtatcgacc tcctaagccc tggcgacacc cagttcttga ccagcgcctt    300
acgaaacacc gcattctctc agaggctcgc attcttgcaa aagtgccgnc gcgatggtgt    360
ccgcgtccan cggnctacgc tgtanatgaa ctgccggctg gctgatgctg gaatggatat    420
ctggaggact gtcgtaagaa catcaacgag agattggna acaggacgga ggnatngaga    480
atgaacaana gtgaaggatt natgccagaa ncggnaccgt tttggnaggt tgccaaagtg    540
gnattgttac gggacttgnt caacaaaaga ggtggagctt tggttanccg nagaanccat    600
tttttaacgg gagtngttta atgacngggt                                    630


<210> 1631
<211> 810
<212> DNA
<213> Fusarium venenatum


<220>
```

<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 1631
cccaaaaccc tcaatccgnc catctccatc tccccggagt caccccaatt gagcctctac   60
cagccattca aaatgctcat ccaactctct agggctacgc gcgctcgctc cgccgttgcg   120
gctgtttctc gtgtcgccag acccaatgcc gtccaggtga ggggcttcat tgctcctacc   180
gtctccagga aagccgactt cgtccaggag ctttacctca aggagctcaa ggcttacaag   240
atccccgccg tcaaggagtc cgatgccgag ggcaacgtcc agaccttcag cgttcccaag   300
accccacctt cccccgagga gaccgacctt gccggcaacc tgaaggagta cgagagcatg   360
gctgttgaga tcgaaggtca agaccctccg cccagactgc cggtgccccc aaggttgctg   420
actggcttga ggccgaggag gacgaggagc ctcaccacta agcggtcttt tcttttaaac   480
tctccgttac catttgangg tggttcataa aactatccgt accgcagcac attttgaggg   540
tgtctcattt ctcaccgctc anctgccgtc actcggggat agaaaaagag ggagggctga   600
taccaaactc antccgggga tgaaaagccc gggatgcgac cagnaaggac tgaacaagtg   660
gattggggac naaaatcctg gtgtncattt ttcctaaaat acagccttcg gttgcctgta   720
ngaactaatt gcgaanggcc aacgttaaat gagcntcaag caatctttta ctattcccca   780
cccaaaaatt cctgcgggcc gttcgacatt   810

<210> 1632
<211> 678
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

<400> 1632
atcatctcat cttctcaagc atctcaacta ccaaacactc ttcaactcca acaaacaact   60
ctctccaatt ctcccacaca caaacaacca accaccatca aaatgaagtt caccacctct   120
ctcttcgctc tcgctgccgc cactggcgct gtcgctgctc cttctgctcc cctcgacgcc   180
gtctccatga tggccgctgc tcctatgtgg accattgagt ccatgcagcg aacatgcgat   240
aagcccgata ccacttgcac ctggaacttc aagatcaaca ccggtagcgg tgccgctacc   300
ccctgcaagt acgtcgtcaa ggcttccaag agtgcctctc aggccaacgg cggccctgcc   360
aagtgcggca ctttcaccat cacctctggc tggagtggtc agttcggtgc cggcaacggt   420
ttcaccactc tgtctgttgt cagcagcaag aagcagatcg tttacccaag ctacaccgac   480
aagcacttgc tggtggcaag gttgtcaagc ctgacaaaag taccccctgc ttctctccct   540
taagcgatgg acgaatttat ggatgacgga ttaatgggct ctgggggttg ggtggcgata   600
atatctaata ctcaatatct aaacgggggg gataatgtat atacaatcac atagatgacn   660
aaacatcacc ttatctgg   678

<210> 1633
<211> 153
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 1633
cggtatcatg aaggatgtca ncncgcttat ccncctgccc gaactggcng ggaccatgca   60
agaactgagc gtggagttga tgaaggcggg cgttatcgna ngagatggtc tgacgatgta   120
cttcctcgga cgggagacat gnttatggaa tat   153

<210> 1634

<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 1634
caaactcttt acttccctcc aactacatca tcaacctcat ctcgaccttt tgcttttaca   60
ctttgactac atccttcaat ctaaagtcga caacacatac tccctgcctc atattcacct   120
cacctcctca acttatacaa aaatgacagc cgntatggca cagccgactg ttacagtnaa   180
agatccctct gcagtgcgaa agcgcaaaag acgtgcccct gccggtggcg cctctgatga   240
ttgtttctct tgtnccaaga anaacatcaa gtgtgaccgt agacggccat attgctccca   300
atgtctcgag gtcggcagtg aatgctccgg ttataagaca cancttactt ggggagttgg   360
cgtggccagt cgaggcaagc tccgaggcct gtccttgccc atnggaaaag ctcctcctgt   420
tcccgngagc ccaaaaaaca ctcaactggt ttcttaagat ccagctnttt cnttgcacnc   480
atggaacaag angacgagac gagaaaaatg cccagggncc attgatnttt ctgccgngac   540
tcaagtgctt ncgttctacg acgccttta ccatgggagg atcgactcct ntntttttca   600
caggntgngc atgcancccc tatcc   625

<210> 1635
<211> 755
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 1635
ctcgtgcccc catgcaacag ccttatatgg cccagcctga ccaacaacct tacggtgcct   60
atcctcagca tggatatggc tggcctcctt cccccgctgc tactcctccc tacagccact   120
acgccgctcc ttaccctccc aatgtccctc aacaatacct acctcacgct ggccatccag   180
gcctacctct tcctcactac ccccaggcac ctgtttacga gcaccgtggt gctcctcttc   240
ctcttcccct aacggccaag tctcctcacc acccgcacat ggctcttccc agagcacacg   300
agtcccctcg cgagcaacat ctccaggcag ctgcacaaag cgccatggtt gatgctcgac   360
ccagtggtgc ttcacacact caccaagtag ctctaccaag tctcggggcg gtgaccaacg   420
gtccccctgg ctcgtccttg gcagcaatca gcacacctcc cagcagaacc atgagtgtta   480
gccccactcg aaactctcgt tctgaagtgt ccagtctctc taccttcac gcagtgcttc   540
atcatactcc cgccaagcaa gcgaaagtgg taattgccaa gcctggttag tgccgncagc   600
agcctagncg tctgntgctg cggcttgaan aaggtggcgt tagcgaggat gccaaaaccc   660
tgaaaatgtt ggatcgcaag gtctgcattt taaaanaagg acanggcatg gcgtagtccn   720
tngaaaactc gactccatga tgattcgaaa atgan   755

<210> 1636
<211> 763
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 1636
cacgaggttg aatttctccg gacaagacga tggatcgtgc ctcgtatcgg cgatattatg   60
gcacagctag tgggtgcact aaagttcgta tcttgtcagc agccttgtca ggcaagcatt   120

- 638 -

```
tgtctttgat gataaaaggc atctcttgtc cagctgttta tgttttgaa tcatctcatc      180
tcatctcatc taatcacact ctcacaacaa ctctcaactc tcttcatcaa cacttctcac      240
tcaacaccaa aacaaactat caccatgaag ttctccgcca tcaccgctgc tgctgccctc      300
gtcggcgctg cttctgccgc caacaaggcc gtcgtcatca acgagtgtga cactgccatc      360
tacgtccagt ccgtccccct caacggcggt gctgctggtc ccttgaccac cctcaagcct      420
ggtcagcgat tctctgagga tctccgcact cctggctcta ccatcaagat tgccgacacc      480
cgaactctca acaagcctct cttcttcggc tactcctncg acgccaacaa cgtctactac      540
gagctcaaca ctgagtacng naacccttc gncaacaagc acaacatcct gaaccctggt      600
gatggctggc caagaaaatt tcgaactggc nanggctggg ccgaatgccc aagtgggcta      660
caagccacac ccaagcaggc aaggaaaaaa ctaatgggtg ggccctaacc tgggtacccc      720
tttatgctta agaattggng ccaaataaaa aaggggggggt tgg                      763
```

<210> 1637
<211> 126
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 1637
```
naccgccagt ancgcacgcc ccttancatc ttcttctcca agtctctcct ccgtcaanct       60
cttgctcaca gcgagattga ngnttcactg nagaagaacg ccngattcca atggatcatt      120
cctgac                                                                126
```

<210> 1638
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1638
```
cagtgtgctg ggaatttgca aaagcttccc aacacccctc tgaccactcg ctggcttacc       60
gaccgcgaga agcaactcgc ccatgagcgc atggagaagg acaaggtctc tgactctgaa      120
gagggcggtt catcttggga gggtctcaag caggcttgca aggataagcg aacatggctt      180
ttctgtctta tgcagaactt ccatctttct gcttgctctt tcaattcatt cttccccact      240
gtcgtcaaga cccttggctt caacactacc gttacacttg ccatgacatg tccacctttc      300
atcttgccg gtgctgcggg catcttcttt ggttggaact cgggacgcat gcacgagcgt      360
acttggcata tcaccgccgg tctttcggtc gcatcgtcgg tttcgctctc gccgctgcga      420
ctctcaacac tgntgccgat acgtcgcttg cttcatcttc cccatgggtg cctacgctgc      480
aactcgtcat cattggatgg gcgtcttcaa cactgctcaa accaangaga aaaaagctgg      540
tggtttggnc atgaccaatg ttggtgggca gancgggtac atntacgggg cctacctntg      600
ggccaagagc gactcttccc gatatgggaa ttgggttcgg ngcc                      644
```

<210> 1639
<211> 409
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 1639

```
tcaatcatgt tcttcaagaa gctgctcact tccgctgcag ccctcacagg cactgcgctt    60
gcccagagca aggcaggcgt cgaanacctc nacaagcccc gcagagacct tttngaaaag   120
gacctctcca agtgtcccgg ctacaaagcc acaaagcact gggagacccg atctggcttt   180
tacgctgacc tttccctcgn ggtcangcct gtgatgttta cggaatcgat ctgcctgact   240
gaactngagg ttgaatatta aaccgaaacc gantgtttgt naanatttgn atacnaacaa   300
cactgtanac aagnccaaaa gactttccn ttcgncgggg ctcgacnggg gtttccccaa    360
aaactggggt taagttggat ttanggggnt ctttttttta cttttcaag               409
```

<210> 1640
<211> 591
<212> DNA
<213> Fusarium venenatum

<400> 1640

```
agatcagtca tatttgaact tcactcaata tttaacccat tgcattgttc gtccagtctc    60
ggcgctagac atgggacaac agcgaagtag acgatggcgg tgctcacaac acacccagta   120
cacgcaccta tcgactccat aatagacgtc gaccttgtga tcaatgccgt gtccgcaaag   180
ttcgatgtca aatcgaggat ggcaaaccgc actgccgtcg atgcgcgcag tctcagactc   240
aatgtagttt cgaagggcga tcaagacgca cgacacgaca gagtaggact agatctgtct   300
ctagcagtgc tcattcacta gctgttaatc atgtccccca tgatgatacg ttgggccttg   360
acaactcgtt cgatatagaa catgtttcag ccgaacaaca cttggcgtct gatggaccaa   420
cgatattcgc agccactcct tcggtgttcc cgcacgaaac cgaagccccg tatcatcaag   480
cacaaacact tggtagtgtc acagcttcaa cgcagctgca attctcaagg tcactggatg   540
atatacaggg acagacatca atccttctgg ggatctcctc cgaatcgatc c            591
```

<210> 1641
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 1641

```
agaggtcatt aaagaaccct agcgaacatg tcgataaagc acaattctac agtccttgtg    60
gatctgggtt catataaact cgaggtaacg gtccacggtc cgccccgacg cgcccacaac   120
ccgattgtga tcatcatccc cgacataggc agcagtatca aanaatggac cgtcgtcacc   180
aaaatgctag canattccat ggntgnggtc gactacaaac gtgccggata cgggaaaagt   240
gaatatattn cttngggaga ctcaaganca cctgcggccc tagctatgga actacatacg   300
ctcctacgag ctgnnaaaat cgcaccacct tacatcatgg tttgcactct cgnggggcca   360
gcatctgngg gaatttacaa agtganaaac ctgcccaatt caagggtttt gtntttgngg   420
acccaaaact gggccattgg atctgtntgt caacccaaac tttcaaggtt tgatcntaaa   480
antgngcttt ggaactgtat cnttaatcaa tcggcttgga agctttttgg acaaaaaggc   540
tngggcggtc attaancccc nctgaaggga anacccaatc ccggtcgggg naaaaanttt   600
ttttnggccc ng                                                       612
```

<210> 1642
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 1642

```
gtggagaaaa gttctggtac gcctgttgtt gagcctgttg cggtggtggt gagtttggct      60
gctgatattg cccttgataa ttggtttggg gatatcgagg agcttggctc tgctggtact     120
gtgacggggg cgtaggtcgg ctttgttgag gttgttgcga tggcttagct ggctccattg     180
acattcggtc catgagccct ctcagtcttt cgcgctccat ctcagcctgc gagttcttgt     240
tggatgacct ctcctgctca atttggttga gcagttgcgc tccttccgat ctacggttat     300
tgacgaagct atcgacgttc ttctccaagc tctccactgt ctcgcgcatc tctgcgtacc     360
agttcttagc actttgcaga cctgcgacaa gatcgagaaa ctcctggtaa gctcgcttat     420
atcggttgat aactgacgat cgttgtcgtt gaataagtct cgtatttgct ctgttccgac     480
tgaactcgct tgtcctgcaa caagtcggtt gaatgcgctt gtgagctcct tcatcaaaag     540
ctgactgctt gtgattcgct tgcaaaagtc ggtttttggt gaagtcggaa cttttccaat     600
tcctgctcaa acagttgcgc ntctn                                           625


<210> 1643
<211> 443
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G


<400> 1643
caacaattca acagaaggtg gtttttctta taactatcta tcaattagac aaacctctct      60
attgccttca tcatgtttgc tctcagacgc acaatggcca atatggcacc tcaagcctca     120
tccagcctca agcaagcagg caaggtcata tgtattgggc cgcaactttg cggaacatat     180
tgccgagctc aacaagtgct aaaccaaang cagcccttnt tcttccttaa gcccacctcg     240
tccatcgngc tcccttggng angggggctg cctgagaccc angggcnttg agatgcacta     300
cnaanttgag ctggctttta tatnggaagc tgactngaan attaaagcct tttgatgttc     360
anggtgttat ggatgctgaa aaggttaccn ttgtgccatt ganttacccc ccgaaccgct     420
aaaaagnggc caaaaaaaag ggt                                             443


<210> 1644
<211> 622
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G


<400> 1644
tcaaaatcag gaacacacta gaccagaccg ataccgtccc catcgcctct gcttccgcct      50
ctagtaataa gaaggctcgt ggcccaggtc ccataccgag gcaatctggt ccttccctgc     120
tgacccaagc cttggcttct gcccgcggta ttacaaacct caagcagtca aaatccttct     180
ctccctcaac caccactaca actactacaa ccatctctcc tgtcacctca tcctccacca     240
caacccttac aactacttct gttcctggtg ttcgacagtc taacctaaac aagaccgcct     300
caccctcagc gactatctcg acttccacct cgcccaatgc gcagttgagt ccctcttcat     360
taacaggacc accaacagca ccagcgacgt tcgcttccca gtacgaccgc gacagcgcct     420
nctatccatt cgaatctatt catcacaatg tcccgctcag cgcaccgntc ctcgaccgtt     480
aacgagagct acctctgaat ctatcaacat gggatcattt acaggcacca caatgacgtc     540
gntcgccct tgcgaggctg cgagcgtcct tcatncctna accactcaac tcttgntaca     600
cttcgaggcg ctcttganca tt                                             622


<210> 1645
<211> 610
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 1645
tacccactca atctatcagt tgcaaaaaca cacaaactac atcatgtctg actcagacgg   60
cctaattgag cctattgacg atggaggcga tgacctttc ggcgacgagg gcgacgacga   120
tattgtacct accaaggagt cggtcgatga agatgacgag ctcgcctcgg acccagaagg   180
agacagctac gcgcggtacc gcaacgacga tgaagaccaa gcacaattag agactaagga   240
gcgtgctgtc caaactgtca cgacataccg gcatcgagtt cccaagccca aagacggcgc   300
gttgcgagtt cttcgcgttc ccaagttcat caaaataatg cctgaagagt acaaccctga   360
tacataccag ccaagcgaat tcgatattgc caacgccaag gctgaacatc ccaagcacgt   420
cgcccgagtc cgaagagatc acagcaccgg cgagctgaaa agcaacacaa acgtcttcca   480
ctggagcgat ggatcagtga ctatctctgt cggggagag cactacgaaa ttaacagaaa   540
ggcgctcgca ccaccaccag acaagcctta taacgaggtc cangatggcc actactacgc   600
ttnttgncgc   610

<210> 1646
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1646
atagtcaaca gctttgccct ccatccgaac gcaaaactcg acaaaatggc gaaaggttca   60
aaaggcctaa gagcctcgtc taaggcagta gaccccaccc tcgatgctct ttttgcatcc   120
agtgccggcc ctgtccaagc tcccaccaag tcaagatact cgacattgtt agaccagaag   180
gttcgagaac ctgccaagcc caaggtgcag cttgaggagg acgatgaggt tctttccgag   240
atcagcgagg aactaagctt cgaagaagat ggtccttctg atgaggacga ggacgaggac   300
gattctgagc aagaggacga aagcggagac gaacaagaaa aggaggacga ggaggagagt   360
gagggcgcag acgagcccat gaaggatgcg cctgtcgagc tcgacgacat cattgatgcg   420
acagaagaca agtcaaacaa ggagcgaaaa cgaaagcgca agaaggacaa tgacatctgg   480
aaagcaaata tcttgacaag atggctgcan aggaagaagc tgancgtgcc ggcaaacgac   540
agaaagaacg acgctctgac caaagactga caanaagtct acagcccgat ganggaagat   600
gctggtaacg aaancgatat tcctgtccat gagaaat   637

<210> 1647
<211> 608
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 1647
ccaattggca agcgtgatat tgagcgcatt gcgacagtga ctattcact tgtttaagca   60
cctgcgcatc gtcatccttg cactcaacac gttccctatt actcctcact tgcacaatat   120
ctttcgcgct tttatagccc ctccataaat aagcattatc accatgagcg gcttcatcga   180
ctactcaag actaccaagt cgaagaacta ccatggatct ggttctttg caacgttcat   240
gattattgcc cctgtgtgct tcttcctggg tatcctttc gcgtcgtttc cttacgactt   300
ccctctcctc tggaccaagg ccctgtgcc cgacaacttc ttcgaccatc tcgagacgca   360
tctgaagttc gtgcaccaat ccccgcact catcaagccg cattctccac attgtcattt   420
ccatcgggtt tatcggcttc ttaatcaagc tcttccgccg agcgaggcca acttctttt   480

```
ganggcgcat ctctcatcct ctacttatcg gcttnggngt ctacgttgcc aaacattgnc    540
aaggcttctc cgaagcgtta gccgcccaaa tntggactaa cgangggatt cgacgggnaa    600
aacccacg                                                            608


<210> 1648
<211> 546
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G


<400> 1648
gaggaattct cccgacaggc ttcaatggaa agtgagctca gcatccagtc atcactcatg     60
acgccgccca agcaagacat ggcttcactg gctaaaggcc aacttggctt catgaacctg    120
tttgccaccc cgctgtttca gggcgttgcc gatatcatgc ctactatgca gtataccgtc    180
gacgagcttg agatgaataa gagtctcttc gagctgaaac ttcaacaaga gaaggaaaag    240
cagccgttag acgatccggt ccgaaggcgt cttcttaaag agggtacatt ctcgccgaga    300
actatgagct tcgcggtacc ccaagaggag gaaagggagg agagaaagga catggcgccg    360
ctatttgaag cactagaccg agcatcggac acgacaccgg ttggcaatgg tgagcttcca    420
atgccacgtt cggagancga agaactatcg ccggccgata tcagaagaca atggggccat    480
catccgtgaa tggtgcactg tanaactaaa ggtctgatgg atcatatcac attcgacgcg    540
gttaga                                                              546


<210> 1649
<211> 418
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G


<400> 1649
ctctnctttt gcatcatcac aatatgctat caaaanggaa tcgccatttc ctccctcgtc     60
ctcatcgcct ggcgatggcc gcatcgtcgt tggtctgctc cctgcaggng aaagtggcct    120
tgaggctatg acctaccant ntcctctaaa actgatatcg tcggctcctt cgtcaagcca    180
gccaagtacc gctggtgttt ctgctgtctt atggaggcgg tttanttgct ggagacggta    240
taaatntgac aatccacgtc aagccggagg cgaaactcan cattgctacc caaggtcaca    300
caaaaatttt taagtcgcct acaagcagac ntntgttaca agtcaaaact tggaggtcac    360
tatagacaac aacgctttaa atgggccttn taccaaaccc tggtcancct ttgaaaga     418


<210> 1650
<211> 410
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G


<400> 1650
gacgcggtga cccttcatcc tcgaagttac acccgggtaa ccgaattgta catacaaatg     60
cggcagaatg tctcaggcta gaggcgtcaa aaagtccagc aacccagaac ccggcaaacg    120
ccggactcct tatgctctcc gcgcatgcga agcctgtcgt ngtcgcaaag gcaaatgcga    180
tggacgtcaa ccgtgtcgcc attgcgcaag ccgtnaccag aattgcagct acaacagcag    240
```

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```
tttagaaaat aatgaanatt gncaatcaac agcaccaact ttggttgcac caaacatngc      300
tgcacccgat caacatcctt catcgaatca atcagggcca cgtcagacng atcagancgc      360
aattgtggat atgctatcga gtctacangc gcaattgaat agtctgctgc                 410


<210> 1651
<211> 983
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(983)
<223> n = A,T,C or G


<400> 1651
atttgactct caacaccaaa tcttcatcat cgtgatatct ccgccgtgtt cccgcttact       60
tctacgtcat agcctaacca cgtctctttc aacaaggaga tccctgtcag agcactgcac      120
tgagagtgaa ccaggccttt gtggaagaag aaagaccaat gaattagttt cttgtttaac      180
tgctattgga caccccctta cttctgtgct ggtccttgtt caaacaaata tttttcttcc      240
tgccctcaga ttgcccaaga cctgaagacg aaacctaatc gggcattaat aaaaaacgga      300
agaattgggc cacgagccca cgacttatat cccatataac tgaacctgca cgaaccgtga      360
gacaagaaag tcacaactgc atttctattc gatacactag tgtccaatcc tagtaaagtg      420
agtcttggct tccaagatgc agcgctctgg ctcgttcgag cgacgcagct ctgttaatca      480
gagaccatcg ccaagccctt caccaatccc cacgccatca tccagaaccc gaacaccctc      540
accttctcgt ggacgacctc aatcattccg aagtagtaac aaaccctctt cttcacgacc      600
aatttcacgc tcgagatctc gaggaaggtc ttcttcacga tcaagttcgc gctcaccttc      660
tcgtcgcaag aagcgcagcg acgatcatga ctacaatggt cttttcaaaa ccacggctgg      720
tctgttggcg gggatcggcg ttgcgaccgt catagcccac aaggtctggc caaagggcgt      780
tcttcatggt gatcatgaag antggganca tcctcccccc aagcatagcc gggaaacagc      840
atcgacatcg ctctcctgga aacgctgacg tgtnttcgaa cgcaccacta aacgacacng      900
cgacgttgtt catcacnaan aaatcagccg taaacgcttc agaactgtga naaaatgccg      950
cnagacatgt naaggtgcng cat                                             983


<210> 1652
<211> 672
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G


<400> 1652
catttcgcta ttgatatcaa gagattcttg acttgagcgc aagccatccc accgccatca       60
ctaccacata tcacttacac caccacacca cttcaaaatg ggtttcggaa gattcatcca      120
ctatattggc gccttctttc ttttggcagc aacagtgatg ctcgtcgtcg tgagcatcac      180
agctcctgtg gttgaccaca ttgctcttct caaggtccga tatggaggag atggcgtcaa      240
ttatggtaca tttggttatt gtcaaatgcg aagcgccggc agtaatagtt gctcaaaggc      300
tcgcatcgc tatgaccta ccgacacttt caacggcctc gatctatcca agattggctc      360
tggcactgca aaggccttga cttatgtcat gggtctgcac cccatcggtg ctggactttg      420
cttcatttct ttccttttgg ctattggcgc tggcatcttt ggctcgctca tgtcgactct      480
tatttccatc gctgccttcc ttggcaccat catcgctttg gcttgtgact ttgctggcct      540
ctccatcatn cgacgacgaa tcaaccgcga cacctntgnc actgntanct nggtctggcc      600
gtatctggct tggncctgcc gccgttttct ttgcctaatg gcacaattgc cgcttcataa      660
ctnntggttg gg                                                         672


<210> 1653
<211> 1750
<212> DNA
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<400> 1653

```
cagatgtgaa ggcatcaatc tgaacaatca gcatttccgc tgttcagatc tctcatcttg    60
ctattttttg ttacttactt gatgccgtct gaaagctgtt tttcgaatgc gccactggag   120
ctcagctcgt ggaactgcgc acacgccatc gcgaacacac agatcatttc taatntaacc   180
cgacaatnca taatacaaca caccgctcct attaaaataa ccaggttaat ccaccatgga   240
ctactccatg tcttcaagcg atgcttcgag ctcgcgatct tctagatcat ctgctgctac   300
aaatgacccc gttcttcgca acacgttgcg ttacaccatc tcagcacacg aatatgctgc   360
tctgcataaa tacatcattt cacgatcgcg tgtgcttcgt cgatcgacgc cgacaccgaa   420
tcgcgtggaa aaggcgctga aaccaccgaa aggaggggat gattataatg ctaggacgat   480
tcgtcatgcg ctgagggtgt tccgttatga cgtttttggg tatgaagggt tgggatgctt   540
gttgccaaga ggatgggcca ngaaaaaatt natgcgagtg ggcaaaagaa accctttttac  600
aagtctccag ctctgagact gtctatttct ctttctacta ttcttctcct ctacaggatt   660
ctttttagat tctttacgcg actgcgcttc catctactcg atccccaagt ccagcccttc   720
cgttcgcgca acccacgaac tgcagcgatg ctgacatcac cttctgcgcc agccatcggc   780
gcatctttcg ctggtctcgc tttgggtatc ttcccagctc agaagatgcg agtaaccatc   840
gctatctaca ccattttccg tgcgttggaa ttcgcataca acttttgcga agccgacggt   900
cttatctggg gtagcaagaa cggcgtcaag agggaaagac cttggtggtt tggaagttgg   960
atgcttcaac ctcttgcttt cggacaactt ttccacgctg ctgtttcga tcgggattgt    1020
ttccctaagc catttggggga tttgatcttt aacagctcgt cgggttattt gcaatcgcgt  1080
cctcaggatt gggcatctag tcttaaatgg cctcaagact tcggagaatg ttgatagctt   1140
ggctcaaatg gcgcgtcttc aactggccgg cttatgtttc tcctaccttg ttccctggaa   1200
aggaagttct tcctcctagt ttgagtgcaa tttcgccttt gacttctcga gcgcatccgc   1260
ttattacttc tctgtcatgc gcaacactac acccgggaga ccttcatgtt ctcgaaccta   1320
cctgacattc tggcttcaat ctttcccccc atttgctcgt ttcttcgtcg ctgtcttttc   1380
tgccacttact gtcatcccta aattttccgc tctttaccat aacccccttg cgactctgca   1440
acgcatcatc accaaggcct tgcgcatgtc aactttcgca accggtgctc tctctacagc   1500
ctgggcttcg atctgcttct tccagcaatg gcttcctcgt cattttcttg caacacaacg   1560
agtgttcctc ggtggtttct tcgctggtct ctgggctttc gtttaacgca agaacggccg   1620
aagttctctt cttgtacagc gcccgtacta gcgtcaanag cctctggaan gtggtgtta   1680
gcgacaatgt ggaaaacatg aanggtgggt gactctgggt ctttatgcta gctcttaagg   1740
tcactggtgt                                                          1750
```

<400> 1654

```
ntgnccctga tgctgggggg gctggattcg agtcttgctt ttctgaaaca accaaaccta    60
ttgcttcaac cccatggcga aacagtcttg ctgntttgac ggcagtggaa actcatgtga   120
taagggcttc tactgctctc acgacaccaa ggctcanacc tggtgctgcc ctgatgctat   180
ggatcttgct gagtgngccg ctgcgtatgg cgtanaggat ggcctcaaga ccgagaggct   240
nttaaccacc actgccacta ccggtggtga gaccacctnt gccgagccca ctaccactgc   300
tgtcnccacc accactgctg tccccaccac ttctgagctt gagaccacct nttctcaact   360
cgagaccact tgacaactg tctacatcac cagcacttnt ntggcctcca catccaccaa   420
tgctgccaca actactgntg ccnctacca cgagcccggt gttgttaaaa ccacgacaaa   480
ggctgacgag accaccatcg gtgcccctan tntggctaca agcacgggct ggagtggttc   540
taacaagcac cattgccact ggcgncccta ctaaccattt gagtctgccc tggctntgtg   600
```

<210> 1655
<211> 413
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 1655
cgngacanag cttggccctc agggtgttct tctgaccact atcctcggaa gagacgatcc   60
ccgattaagg gatcccgact cggaagaata cattgtcgcc cgctcaatga gccacccaac   120
agttggtgga ctttacatgc gactattttc cgctgccgaa aaggttcaaa acatcgtttc   180
tgttaacggc gttggtgata ctttcttcgg tgtcttgatc tctggtttgg cgcagggagg   240
gaaagtcgag aaccttatcg atgttgctca agcaggctca tgtttaactt tgaagtctca   300
cgagtccgtt agtcccgact tgcaccgact ggaaagtgtc ttggcacagg ccgcagctca   360
ataatctgat attatgtaga tatcccgtat aaaaagtaaa tgcatatttt tca   413

<210> 1656
<211> 510
<212> DNA
<213> Fusarium venenatum

<400> 1656
tgcgagaccg cgcccgttcc gatctttacc ttgctcaact ccgcagccag tctgcgccca   60
acactcctgg cttcggtccc aagtctcccg ccctcagcgc ctatgccatg tcccccgtc   120
atcctcccgc tgcctaccga aacctgtccg acatcagcga gaaccccaat cccaacccct   180
tcacgccagg tactcagttt gttgagcctc agtctcaatt cgctcctcaa gatactggct   240
tcaagcttca agctcctccc atgaaggctc cctctgctac ccctaagctg aaccagtccg   300
ctttcacgcc cactgaagct tcgcctcctg caattcccac cgttcacatt tccgaacacg   360
gtcccacagg ctcagatgag cccacgtatg aggctgtccc tatccccggt gcatacaccg   420
gacaggctat caagagtcca ccagccgcgc aaacatcctt tggccaaagc tactactaga   480
gggtgttcaa gattgaaaac gacgagcttt   510

<210> 1657
<211> 397
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 1657
ctcaagcttc catctcccaa tctccactcc tcaacgtcaa gatgctctcc cgcgccgcta   60
ccgtaccac gacctgtntg gtcacgaagc gaggcttcca gaccaccgc gctcgcatgt   120
cctcccctta ccactaccct gagggcgcct acagcaacat ccccttcaac ccccgcagca   180
agtggttcgg cgttggctac tggnccttca tggccaccgg tttcttcgct cccttcggca   240
ttgctgtctg gcagacctac aagccccagt aaatttgtcg ctgacggact gggtttgttg   300
tttgattgaa anaacggaag ccttgcggcg gaanaatgtg gtgtacataa ccgaaatana   360
catcagtcat tctcgacttt tnattcgaaa aaaaaaa   397

<210> 1658
<211> 321
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 1658
gttgggttta aactgacatt atcagtgata cgtgcaagaa acggaaattg aaatgtgtaa   60
gagaagaagg cgagcacgtc tgtaggagat gcgctgcnaa taacgctgag tgcgtctttg   120
ctactcctgc cactactcac tcatcaaatg aaaataatga ccgttcgaca agacggtcaa   180
cactggagcc acagttngtc aaatcntgtt ttagttgctt aggaaaaccc aaaggctaat   240
caaattggta gaccagatct tacatctctg aatcaacaag ttgctgcctt naaaaccaaa   300
ttaagcgcct taacaacagc t   321

<210> 1659
<211> 825
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

<400> 1659
aagtctacca cattcgcggt tcaaacacac atgcgcgaca cgggccattg caagatccct   60
tacgagaccg agcgagagca gctcgacatt ggagatttct acgacttcag aagcacctac   120
tctgatggcg gtgatatgag tgacgaggaa tctgtcgtgg acgagaccag tggggggagcc 180
aaacttgggg cacgccgccc tgctaaggtt acgggagaag atggagaaga tgtcgaggac   240
gtcgaaggcg ccgacggttg ggaaacggat agttcagctt cgtctcttga ttcagccgat   300
cttactgctg tccctgctga aggccatatc caccagtttg agcgactcga caagcacccg   360
catcattcat cacaagaccc aaggcagagg caccaagccg acggttggca ttcgcatgcg   420
cataagccaa cccgtgctgt cttctatgat gactacgaac ttcaccttcc tacaggaaag   480
tctgttggcc atcgatcgct gaacaaatat ttccgccaga acctgcataa ccatccatct   540
gctgaagagc gaacccgagc gtctggctat tgagggctca aaagancggg cttggcaatg   600
gctcggatgg gcaacttgtn caaagaggtt caanggccgt gaganggtgc ctctggaatg   660
ggnggcattg gcaggtgcac caaaacaaca aaaacgacgt gctcncaggg caaaaaaaaa   720
caaggacgga cgttggagcc aggtccncct taaccanaaa ggacttggtt tntggaaaga   780
aacttcacca ntnccaagaa ttctncttnc cggagcangg ggggg   825

<210> 1660
<211> 373
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 1660
nggncaagcc cccngccgga caaggcngcc aaacttngcc nggcnaacc caaggagggn   60
ggaggcggac aaccaaaaaa caaggggcng cgcaacnggg actaaaggcc cgnaacttng   120
gccgcccann aacaaaccaa gaaggggccc tccngaggcc caaaaacgcc ggggggggaan 180
ggagnaaaag gcccaaggnc caaaccaagg gggnggggc caancggcct tccccgccct   240
ngccccngg naaggagga ggagggcnta aanaaggaag gggnaaaccc gagggacna   300
ccaaanccca aggcacccng cccgggacac aggcaaaaac cccaacatnn cccgggggc   360
acaagggcga aac   373

<210> 1661

<211> 317
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 1661
cgacccttac gacaccagca tgaaggagct accgagccca gactttggng gaccatcttc   60
gatatcccat gatgatggag catcgaccga tgtgaccggc aatttaatgt cttgcagtgc   120
ttgaatcact gcangaaatg ggttctccga ccttctcctg gaaaaactaa atcctagttt   180
gaagggcanc caattctgct gtcaaccgag tacaacatac cgaaaatcgc ttcggacacc   240
ttgatctggc cantttaacg cccganggga aaattcgtcg atgaaaggga ccttaagatt   300
ttcaagttgt ttggcca   317

<210> 1662
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 1662
agatacccat tcaacaacac ttacagtcac actacgatgg gtcttttcag aggcgacgac   60
gacaatgacg cacctgtcac ctgccccacg cattcactag cccaagatgc caagcaaaat   120
cttgttggca atctcagttt ctatcagttc gccatgattc tcggnggctc atgttccgct   180
gtggccatga ttaccatgtt cacctgcaag caactccatg ccacacacct ctcaaacccc   240
tccgagcagg tcaagatcat gcgagtcggc aacctcatct ctgctttcgc cctcatctca   300
tttctctgta tctgcttccc cacagccgaa gtctacatcc agccatggct ccacgtcttt   360
gaaggtttcg ctctcggatc cttctttctg ctcctctgcg attatgtatc gccccaccga   420
gaccagcgcg atgtcttttt cgcgaccaag cgaaagaacg gaatgaaatg gttcaagacc   480
cgctgggcca tgatcttcca gatgccagtt cttgccgntg gcgttgtcat tgaaccgaca   540
ttactnaagc tgntggcgtt ttttgtnaaa anaacaactn gcgcgagtcc caacatttac   600
tgggcgttat atgaccattt an   622

<210> 1663
<211> 139
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 1663
nctgaccang tcggncgtng tccagattga tgctgnttct ttccgtgaat ggtacgangn   60
ccactacngt cagcccatcg ggngggacc ccagcngaag acccacacca ctgangagaa   120
gaagaaccac cagcgtttg   139

<210> 1664
<211> 529
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 1664
nccgccaagg acgagacgga ggcgcgaaag tcnatctgca gatgacagga gaagatcaag   60
canagacagg gaaagggacc gggaaaggga tcgaagtttg gatggccgcc atcagcgang   120
aaaccgccgc ccgcgaatag acgacggaag ccagcatnnt tccgaccaac tgccagtgga   180
aggggaacga cnccgccgac gtagcgagtc aagacaacgc cagatcgagc accagtcatc   240
cattcgatca ctcataagct ccggtgacat gagcgagagg gatatcgagc gggaaataga   300
gtcatttgca agacatattc aggaagaagg gctcctcgac ggactcgact tggataatat   360
cgatttgagt cccgacnacn agcttagtan ganaatcact gaggcttccg acggcgtcag   420
aaanatcgaa cnccccaaaa aacncggana aatactccct tccttgaacn acttgtgggc   480
ctcagcggaa acctnnttgt tgccctgagg ngnccaccag ggaaagatc   529

<210> 1665
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1665
catcgagggt cgcccaggct gtttctcaac gacagtttat gttctgccag gcactcatca   60
tgtccgcttt ttggtggatg gtattatgca gacatctccc gatctaccca ccactgtaga   120
ctttggcaac aacctcgtca actacatcga agtcagcccc gatgatgccc acaaggttcc   180
tgcacccccg gccgcttcgc acgccgaagt tcaggctgct gctgctgctc aggcgattga   240
gcaagctcag gggggagtcc ctggaggttc gaaaccaccg ccccaaccaa agggcaagcc   300
tgtgcccct ccagaagcgt atcgtagtca aattccgaaa taccttgtcg actttgacca   360
ggctgaggat tcgcaagcgt accaatacgc agttaatgca atcgagagac taccgaatcc   420
ccctgctttg ccaggcttcc taagcaagcc gatactaaac gcagcgactc ttatgaagga   480
cgacaatagt gttctcaaca tgccaaatca cacnatactg aaccatcttg ccctagttac   540
attaagaaca atattcttgc tgtttctgct actactcg   578

<210> 1666
<211> 387
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 1666
njgcgttctc aacgtnttca acggcaacga tccttctaca ctcatcgcca tggglactct   60
ggatgcgttc tcgctggta tccttgtttg ggtcggtctc ntaaagatgt ggcgcaggat   120
tggatgatgg gtggtgagct cagcgatgct ggtcctgtga ctactgctct cgccatgctt   180
ggtttgatct gcggtatggt cttgatgagt ctgcttggaa agtgggctta aactatcgat   240
cattaagtcg actaacaggg gaagacaaaa agctgaatga ttttgagatg cgatcatggt   300
gacatccatc gcgtgtttgt caaatggtga atcattatat tagacataga ttagcatgt   360
atagattttc acactttgat gaaccccc   387

<210> 1667
<211> 502
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 1667
tccgagcccg cttccgtagc caagaagcag actcctgttc tgcctcccac attccctacc   60
gcaggaaccc caacttctaa acaaaagaag gttaaggaga gcgctgttcc cattccttct   120
attcctcact cgtcacctcc cagatcctct cctgcgcctg cccctgcatc gcgggcccca   180
agttcaccta tccgggccaa ggagaagcga tccaaaaagt caaaggatag taagaaggcc   240
gcatcaagca agagggaaac ccctgtccca ccccccgtgc ctggttcttc ctcggaatag   300
cgttcccaga tgaaaactcc tcgaaaggaa aggcgcaggc ctaanaacaa gggcnaggt   360
actctcaaga tgtgaatcgc ttgatcgaac gatgtgtcgc aatgacggat ggcgtatagc   420
attgttagcc atacatcggg actacgctgc ttgcacatgg ctatatataa natatcatcg   480
ttcgttctgg cagtcatctc at   502

<210> 1668
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 1668
caagcgtata aggctagagt cccgaaccag tggtttgatg ttcccgagca aacaatcatg   60
ttgggcatgg atgaccctga ggatggtacc gacccttcgc gccactttgg ctgggataat   120
gagaaaccag cacgtcaagc gaacgtccat gccttccaag ctcaaggtcg acctattact   180
aatgaagagt atgcccagta cctgtacaac tccaagattg atcgggttcc cgtctcatgg   240
tcctcggtcc cttctaacaa gcaagatgga gctaccaacg gtcaccacac caatgggcat   300
tcaaatggct acactaatgg aaatggaaat gggcattacg caaacttaag ttcccgactc   360
gttcatcgag ggcaagnttg tcaaaaccat gtattggntt agttcctntn aaagtacgcc   420
ctttgactgg gcctggattt gtttaatacn anaagcttgt cggnttgcct tgggtnggat   480
nggggggncn aatttctacc ttttgaaana ggttaaaagc atttattgcc catttttgan   540
taanccaaaa aaanggttga acnttnaacg tttttntttt caanaanggt tcttg   595

<210> 1669
<211> 1063
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1063)
<223> n = A,T,C or G

<400> 1669
tgcaccaaaa cttcatcaaa ccttaccttc cttacntttta cccatccatt tccactttcc   60
ctggcttcga cggacccttt ttcttcttc cttcacatac ccgtttaacc caaacatcaa   120
cctccgaata ccgttccgac cgtcgatcct ctcgttctcg tccgcatctt cagctgcttc   180
gcaagctttc agcttaactca aagtcattta tttgattcga gtcggattct ccttttcaac   240
gtgttcacgc gcctaatcgc cgtgattctt ccgtcaaata ccctcatttta attcacctct   300
gtacccgtt ccaagatgcc tcagtacact tctcgcgatg tcggcgaccc ttcgcagatc   360
aagaagaaca agcagtctat ggctgatctt aagctccgac ggctaacaga gctcaacaac   420
cgcctgcgcg aggatcttga gcgagaacgc atccccgtca gcacaagcgt caaagagcat   480
catcgcttac tgcaacggca ctcgggacta tatggttcct ccgtctgggg cgctgtcccc   540

- 650 -

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aagggcgagg accccftatgc gccgcaacaa tctggtggct gctgtgtggt catgtaatac   600
cagtcgctgc aattctttt cttcactacg gattaccaaa aatcaactac tacgcaatgt   660
cgacgatgat tcagcgattg gaggagggcc cgcagtcaat tttgatatgt ttttgacgca   720
tttaaggga gtaaattaag gagatccgag tatgggttac tcgcacaaca caggcgaaat   780
gggccctgga taccgaagcg cttgctagcg acacgacaac gacatccacg acagtcattt   840
ggggaagctg tcaggaacaa actgtcccac tgacgaagcg ccagaagggg ggaaaagcct   900
acatatgatc cagctgtacc acagggaccc ggatcgagat accccaagat accatttgag   960
cgggtcacaa aacccacatc nagagaccaa gggaactata ttcaagtgat tttaattctg  1020
tctcggcgca tgcctcgctt cttccaactn gataaganat aat                     1063


<210> 1670
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G


<400> 1670
atntggcgga agcatacaat accttcatac cctcggatat cgatctcttt cttctgttta    60
ttctttgcct cgaacacctt tgcctaccca tcttcctaga caacaagaat cgacctagtt   120
ttgtttagat cgacctcttc gaaccgaatt cacctacaca tatccatcat gagccagaca   180
tttaagcaag cagctgaatc agctcgctcc aaggcacgag gtgactcggc tgccatcgcc   240
aatgatattc ttcacacacc tctcatgaag gccgccttcc cttcatcaac ggtggtatca   300
gcggtatggt agccaccaca gtcatccagc ctgtcgacat ggcaaggtcc gcattcaact   360
tgctggcgag ggaactgnca ctggcccaag cctagtccct tggctgtcac tcgacagatc   420
atcgcgagtg gaaagntcct tgactttaca cangtctat                          459


<210> 1671
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G


<400> 1671
ctaacttgac ttcccgtctt tttctctccc ccaaacttga ccccaacatt tacacaccta    60
ccaaaatggt cggcaccaat acgnacccca accaaggtta ctaccttca gcagggggg    120
atatcccct caaggctacc ctcctcctgg ccagggctta ccctcccca cagcctatgc    180
aagtaccagc aagcgccacc acctcaagaa gaaaagagcc acggctgctt ctacacatgt   240
atcgccacac tctgctgttg ttgggtctgc ggagagacct gcgagtgttg tcttgaatgc   300
ctcgactgct gctgttaatc aatcacctac ccagcactgc atttcccct cggnanaagc   360
gcttgcgcat aataaagaat gcatgatttt tattgccttt ttatcgcact acccccgaa   420
ttccatagct actgggtctc taccaggttc tttttgtagc tctcaataac gggctaaaca   480
caataccaca cacacatttn atcgaccagg aa                                 512


<210> 1672
<211> 619
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G
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<400> 1672
cgatacacat tcgcttcaat gattcctcaa gctgatgaag ccatggccgt atccaggaac   60
tttttcttgc cgcctacgag cggggccaac actattgatg tgagaaagat ccagacggta   120
caggaatact ttttcttgac acgcctgcga gcggggccaa cactattgtc ttgtgagacc   180
tttgcagcac gacaaagctc ttgcaagatg cgcacatgac acaacagctc caacagtctt   240
atgatattga ccaattcctc aacaacccat cacccatcga tgagacggtc atcaactttg   300
ccgacgacat tacccaatcg ctaggcgacg cgcttcgatc tacaccctgc gaatatcctt   360
catcgggtgc tcagacacca aacagatctc accgtcgacc caagcgacta tcacgacaaa   420
atactacatc ttctgtgggt ggaagctctg tgtctagaaa gtccaagcgc tgctacctgt   480
gcggcgcgac tgacacacct cgctggcaag anactggttt ggggantcgt ttgttctgca   540
atgtttgcgg gttgttgcac tctaagaaat tgattgcgcg aaagcgtctt gctgaatcca   600
gccggggggcg acaccatgt   619

<210> 1673
<211> 561
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

<400> 1673
gttctgagtc cgatgcacgc attttcaagc tttgtgatct tggcatcgct gctgaggctg   60
gnaaaggttc tgggcacaac acaacacagt acattggtag ccaagcattc aggcctccgg   120
aagtgagtag cggtcgccgt tggtcgacta aaggagatat ttggtccctt ggagccacga   180
tccgtgagtt gaaaaagctc aaagattcca tgctggaggc ctcgatacag agaatggtcg   240
acaaatgctc cgacagaaaa cagaacaata ggccaagtag cctanaaatg ctagaagagg   300
ctcgtaatgt gctcgagaca aatcagctca tggatacatt gccaatttca tcgcgactcc   360
atatccaggc agtgcatggt cttttggggt ggtcacaaag ggaggctatc tcatgcaagc   420
cgttcaactt tggngggcgg agctctttgg atgatatcgt gcctttccat aacaagctgg   480
ccaaaaatcg tcgcaaaaga agacaatcga accgactctt ncgtttcttt ggaatgacgg   540
tgtccaaaca gtggtttcca g   561

<210> 1674
<211> 707
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 1674
caacaataat gctgctaaca acggcggaaa caacgccttt gagcgtcgcg atgaagattt   60
tggtcgtaga aggactatta ctcctgccgc ggaggacccc catggaatca ggaaccgatc   120
ttaaagcaat tcgagcgaac accgagcttc ctactccgac gcttctcgac gaccttcgat   180
ggtggactcg tacccgcctc cacctccgcc tccatcttac aacccggctc cttcagcccc   240
gcgtcacctt gcttttggcg agtcatntgg ttccaaatac tcggcacctc gacaatatgc   300
tcaccagcct ggtctgcaaa taacacccgt ctcgncaac ggntcgtacc ctccaccgt   360
cagtcgccat acaccaagac cgatgcgccc tatggataca ccagccgtca tctcccacca   420
tnatgttctt tgccgcgccc gtctgtcaac ngcgacttgt atgacgtag acnatccacc   480
agcacctacg ttnctccttn ncgncagnc tactccgctg aaggccacta ccgnngagac   540
tcgcaggcat tatacccccc tacgcctgnt ggtactcttc ccgtatgaac acngagtcgt   600
ctcgcggatc catcaanatt tntggtntag tcgaacccat gcccgtcatt gagcctcagg   660
nggaacctct cctgaacttc cccccgtaac gttggnggna agcgcaa   707

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<210> 1675
<211> 1112
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1112)
<223> n = A,T,C or G

<400> 1675
caacaaactc aattgccttt ctcgatttc aactgtttgc ttatatccat aggcgtctta   60
gcaagcacac tcgattcacc cacaagcaac ccgactaact accaagtacc tcaacgcaca   120
cacaaccacc accatgttct ctgttactcg tgccctccga caggctgctg tccacgctga   180
gcgaacccct ctcatcaagt tcctcggccc ccgaaccatt ccttccaacc tcgaccacac   240
ccccaagcct caccccgcct ntggtgtnga aaagctcccc gagtcctggt ccggctacgg   300
aaacggngac gccgccgntt cccacaagaa ctttagctcc taccgcgacc acgtccagca   360
acacggtcct cttnanaagt ctggcttngg cggnaccaag cgctgcctcc ntgggttctg   420
tcaaccctcc aagggtgntg cctttgacct ctctgagctt cctgcccgnt tccaccgcgc   480
tcccttaac gctgccgana tcgaggctgt cgagtctggc ggcgctgctc tcttcggtta   540
aatatgtctc ccgccatagg cgaggagtca taggtggagc ggagggatga acgaatacct   600
acaacgatgc gggctatgac gaaaaccagg aagaccccc tggagcatgc atactacgcg   660
gcatagtata cgaggacccg agtggtcatg cacagtgaca gcctattcac ggtgcatttc   720
gggatgggca ggtaaacctg tctcatcgac atacaatgca gataaggaca gagtttccga   780
ctgcaacgca tctcgtcagg ataccactta gggcactacg atactatgtt gtcaagagcg   840
tcatatgaaa cgagaggttg gtctaagcac caaaaagagg aggagaattg gggaaaaagc   900
aaataagtcg ggtttccaga aaatacccc cgactgcgga naacattgaa acctccgtgc   960
tttgcccatc tgctggcgtc aacgccattt cttctgagta gntggatact acctgcaaag   1020
ctttaacagc gancaaggag cnccgcggng ttnaacanan ganttncttt tngnggaaat   1080
nttgatncca aaaaaaaag ttttttctct tn   1112

<210> 1676
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1676
ctctgggcag atgaacactg gatcnaccca ggaagataaa ttcgcacttg ccaaaatagg   60
cgagcttgct aatatcaata tcgaacgact tttanaatac ancccaaaan aatctggctg   120
ggatgtacta accgaaaaac tcatcgacac cttaacttcc tcaaacacaa actcatccgt   180
ccnaacaagg gcagctgata tccttgncaa actggtatcg gaagctgcca atgtaacttc   240
ttcgctacca gaggaggctc gcggcnacaa acaactgcgg ttctttgagg ctcttcgcat   300
gtcactagaa cctctgctta aggganaccg tgaggtgtct cttgcaagcc actccacgga   360
tattgatatt cacaaaatta tccttgcggg cttcaaagta tcatcgagag caacgganaa   420
acactagtca agggatggga cattgccttt gaaatcattg gaaccatctt tgttacanaa   480
naactccacc acgantatcg ccgcggctta gtggccaacc caattctctg gacactcgat   540
cagcaaaact catcnaggcg tcttcaactc tctccactta ttgntcaaac tttctggnct   600
ccctacccaa atcgtgnttt   620

<210> 1677
<211> 954
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(954)
<223> n = A,T,C or G

<400> 1677
agtactcatg tctctgctgt ttcgcgccat caggcgctct ctgtcgcgac aaccccttcg   60
tgataccaat atcgcccctc ataagtgtaa tcatttcccc agaaccctaa tctgcctctc   120
atgtattttc gaacaagaat tcatcgtcag caaataaaac ctccaccttc aattcccaag   180
aaccaagttc cctccgtact ccttgttgtc gcccggctaa tgaggttctc ctgcttcacc   240
gcgtccacac gtcttcttcg tttgcatcgg cccatgtctt tccaggtgga aatttagacc   300
cttatcatga cggcgctatc cccgaggaag ctcgccagag aggcaccagg acgggctggc   360
atacaggata ggggcaattc gagagacgtt tgaagaaaca ggtatcttac tagcaagaaa   420
ggacaacgag ctcataaatc tggatgtcaa ggacagagac gctgcgagga agatgatcca   480
tggaaaccaa gtcaagtttc tggaatggct caagtcagtg ggagctgagc cagatcttga   540
tggcctcatt ccgttcacac gttgggtcac accagcaacc aacaacaagc gcttcacgac   600
ccagatgtat ctgtacatgc ttccacagtc acgcagcgat atgccatctg agatgctcat   660
cccaacaccc gacaatgggg tcgaacacac ggccgcgctc ttcgcaccag cgcaatcctt   720
cctctcccgt gcctccacca acagtataat tctcttccca ccacagtact tcctcctaac   780
actggttgcc aagatcataa agagtccttc aggaggaaca ggaccacatc aaatttcaaa   840
acagcgggag cagctactgt ccttttgaa gcaagtggcc acagcanaga cagagannggg   900
caagcaacac aaaacatcta tgattccctg gggccgacaa aatcatganc ccgc   954

<210> 1678
<211> 341
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 1678
tggcccataat acatggctct ggttgttggt agctaanaat gggtcgtgac ttttccccaa   60
gatggcgccg taaaaaccca accgaatttt gtcaaagaaa ttgttggctt ttcatctatt   120
ttacagcgca ctgcgtggta gtcacaagaa aaccganggc cttggcggcg tgcttgacgt   180
ggtcctcgcc aaaggtngag atgaagaagt nagantgatc gtaaccgtcc tggtatcgga   240
nggtcatgcc gtcaatgcca gcatccttca cagccttctc gagattctcg gggganactg   300
gttctgcttg taaaagttgt caccagtgcc cacatcgatg a   341

<210> 1679
<211> 995
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(995)
<223> n = A,T,C or G

<400> 1679
nggaggacca gcatgaggac atcagtaatc tcanggctga ggatgtcgct actccgcct   60
cagctggcgc tcctatgccc gatgccrtga ttgttgatcc cccgacgtnt tctccttan   120
caanatactcc tgctccagag gcagagccaa ccanggtggt tcctcaggaa gcttcccaaa   180
aggagacggt ttttaagag acctctggag ctgctgtgca agaacagcc tctcaagaca   240
cgccttccaa agagatcaca acccagcaca ctactactga agaagcgga tccaatgaac   300
ccgcatccaa agaaatcagt ccccaaagcg acgccaccaa ggagagcgat cagaaaaaac   360
ctgctatcca agaggatgct cctcaagaag cagctgctgt gctcacttcc gcagcggtaa   420
gtgacccgcg gcagttgcca cgggaggcag tggttgagaa ggctaccaat ctttcgaccc   480
ctgcagttga aacttgcgaa acctctcgac gactttgagg atgtcccaga cccngacgaa   540

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gatgacctgg gacgacctgg acgatatgtt ggacgaattc tcagcagtca agatcgacca      600
aaccaagtct gtcgaagctc cttctgctat taaagcagaa gctccaaaag acgcagctcc      660
ctctggcaag cagcctgaaa ttgaagatgc gtttttagaa aaaaaatttg ccaaacagtt      720
acaggctggt atggccgatc tcttangcga gcttgagcag tccctgata tgcaagctca      780
atttgaggac atatttaagc atatcgctgc ggcggaaggg cgctggcgat gcgccacctt      840
caactntgca aangggncag catntnaagg accacctgag gatgcatntt tccaagatac      900
cattaaccgg ccattggaaa ggatncagcc ttaggggatn aanccacggt ttttnttnct      960
ttgggnnccg ggaanatttt ttcccgaaag cttaa                                 995


<210> 1680
<211> 274
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G


<400> 1680
nctttcgccg gnggncggaa ggangggggaa agggntnccg gggacctggg ggaanggggn       60
ggacaataaa gggggacngg gnaggggacn ttncaaaaag nanggaagaa ggcnggccgg      120
gaggggcaag aagggccggg acgggggacg aaaanaatgg gcaccggggg gggncgggaa      180
angggnggga ggnggggaaan ggncaaggag gttaaggggg ggngggggang ggggaacngg      240
gggaaacccg ggaaaanccg gggaanaaan gggg                                  274


<210> 1681
<211> 590
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G


<400> 1681
cttttgagca agtgctcgac agacagacat tcgtagccca gcatgcgacc taccaactac       60
ctaccgagac caaacctttt ggtttcggcc tttgcctcga tctcaatcta cggtgctgtc      120
gcgatggccc aagacaacaa ggacgacaat aaagacgatg ctnagaacaa cgacccctct      180
gctgtgccgg ccccgctgc tgaaccaacc gatgcgaana acggtgatgc tgccgagtct      240
gccnaagaag caagtgacga aaagaagccc gagcctgcca gcgaaacaaa agacagcgca      300
aagcctgcat caactcnaga aacaaaggat gaagcaccct cgaaaacnga ggagaaggac      360
gatgaacctg cctccnctga ggaggaagat tcggccacca ctgtnacagg agaaggtccg      420
acaaaaaccg aagatattca atctaaaatc ccggctattg ctgagactgg tnccgaanaa      480
ccatgcctac tttgacaagg tacaagccaa ttcccactta tccagctcct tccgttcccc      540
cccaaataac gcccctttca tgcgacactc aaatnccct gacnggactg                   590


<210> 1682
<211> 337
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G


<400> 1682
cgcatttctc acaatagtga aacgatgtcg ttccctcatc ggcacttcta agctggaggg       60
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cagtgtaacg cacctcttgc gcgtcacatt ttaagtttgt gcactcctcg gctatcgtgc    120
accaggtatc tagtgaggat atnttttcgg catgttgaac catggcgttt tgcacactcc    180
ggcaggatcc ttcaccatgg agacgctgac ggtgcctatc aaagtgtctg gacgagaca    240
gttntttagt gacgtgtgca agacggagcg atgatggata cgaactcttg ctcaccaccc    300
cgcaacagtc gcactcgacc tccgggtttt tccnttt                             337


<210> 1683
<211> 476
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(476)
<223> n = A,T,C or G


<400> 1683
gtnttctctt tctcttattt tctccgcaaa ctgtcagtca taacagcaag caaaagttga     60
ctgtctctac tctttgatca tcgctgttct ttgtgactta cacgtgaact tgttacgtca    120
gtgatcacga cttttacttt acctcacttt actcttcgtt gcctcgcact tcattagctg    180
tcatcatggg tatcatggct cttggtccac aagacttcct cgactatgtc aactacgaca    240
agcagagttt gtacatctca gctgcctcca tcgcctttaa tccgctcttc tggaatatcg    300
cgccgtcaag aataccacaa caagcttctg caaagctctt tggtggaaac tncaaagctg    360
cttgctatgc cttgncatca ctatcttttc tctgggnatn ggtcgcgact tgattacaag    420
aatgccatct ntgacaagct acgcatccgn ttttggcaac gactacatac cggctg        476


<210> 1684
<211> 200
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G


<400> 1684
gaaggagagc tcgagcttgt ccccgagctg tacacgcaat gcccgtatcc tcagaacatc     60
acctttagca acctggccta tttctggtgg gcacccacgc tcatctacca gcctgtgtat    120
cctcgtaccg acaaaatnaa gatggggttt tgtggccaaa gcgtgttgga gagctttgg    180
ttcaagggat ttcaattggg                                                200


<210> 1685
<211> 2396
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(2396)
<223> n = A,T,C or G


<400> 1685
gagccctcca agcacttttt acttgcttca tttcagtgtc atcacttctt gactgctgaa     60
aatttttttg aanattttgt cgcaatggct atgatataga ttttgacgct cccacgagct    120
ttttacgcgt tacaccctgg gcacccttac tggacactct ctactgtttc tcgaccctcg    180
atctaccacc ataaccataa ccataatcca ttcttttctt ccgaccgtga cctcgacatg    240
gacgatccag acgtagcctg gcctgcctgg aaattcggca tgaagaggga tgacctctat    300
accaacctcc accaacaata caacaccttt accttcaatc tccaagaccc cgaagccttt    360
catcatgacg ttaacgaaat ttcccacgat gccgataccg tcgacgaatt ccaccgcttg    420
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atggctgagc gaaagcaaca acggctctac gaattacacg actccctgga atctctcgcc     480
gttgagatca tcgccnaacc ccaagttgat ggactcggag cactggcagc atgctcttca     540
acttttccgc accaaatcct ttgactcgat tgtccgttat tttgcaagct accttcctgc     600
caactacatc gatcgtcatg atcgcgaacg cgatcacgac accatttcta ttgcttcctc     660
ctcctattct gaggctaaca gcgtcaagac tgaaagcact acggccagca gcgtcgacgg     720
tgtttcgagt ttctacgacg atgagcctgt catgaagaag aagtcccccc tgtctatcca     780
cacagacatg cggtcatctt ctatcgtgca ggcgcctcct cgccgcccc actccgaggt     840
tgcgcactca gatgagtctt cggcttcgtc tcctatggag tcgcaccgat actcctctaa     900
cccccttct cgctccatgt cgttttctgg gtccgtgtcg gggccttttc ttcctgactt     960
gcctcgatta ctcggtcacg acgacgatga gaacctcaca agtccgatga taatgacgan    1020
ggccgtcatt tcggattcgg attgtgcaaa gagccagtcg tcacttggac accatggatg    1080
aaagggagca gcttcaaaaa gtatgacgaa gatctagaag atgaggatga atttcctact    1140
gntcaatttc ctgaagatgc tagcgacgct tattcagatc tttcacaacc aattcgactc    1200
accacttaca gcaacaataa caacaacctt cttacatact ctaggagcca gcaccatatt    1260
tagtgcttgc ttacttactc acatccattg actttcaat ccgtcacaat tcttcttcag    1320
ttcaaaccct cttccaaacc accaacaata ccgccaagat gagtgctcag aagacctcag    1380
ccatcgctga tcaggagcct gttgacgttc tcttcgctat ccacgaaaag ttcgatcttc    1440
tggacttcgc cggcgcgctc gaggtcttta cttctgcttg tcacaacttc caggatcctg    1500
agaacagcaa ggcctttgaa gtcaccgtgg tcggccccga agccaaggtc atctcggacc    1560
agggtgtcgt cgttggtgcc cagatcacct acaaggaggc acacgaccgt ctcgaggact    1620
ttgatatcct cgtcgtcgtc ggtggtaact ccaaggaggt cgtcgctaaa gagcttcaac    1680
ccctctctct aatcaccgac ttctcagagc ttcagaagcg tgatcccgct cgcgagcgca    1740
cgattntttc catctgcacc ggtgccctct tccttggcaa gcagggcatc ctctctggct    1800
tgtctgccac cacccacccc gattacctta cttcgtttga gaacatttgc agcgatgctg    1860
ctaccgtaaa cctccaggag cgtaccgatg tggtagaaga cgctcgctat gttgtcaaca    1920
acctacgatt cgatctcggc gaagacgaga gcccatacat ccgccgcaag tctgatgctg    1980
gtcaggacg tcgcccttcg gcagcccgaa agggaagcat gtcattcaag gactccaaca    2040
cacgccggga gtcaattgtt cgtcgtgccg ccatgcgact cggnggtctt cgtgtggtga    2100
catctggagg tgtcaactct ggaattgatg ctgccctnta tcttgncagc cccttgattg    2160
atgatgctac ttcgttggag ggggccaggc gccttcagtg gacctggaac aanggcgttg    2220
tcgtcgatgg tctccacgtc taaaatccct ggcagtaagt gccgtgtacc aattaaaaat    2280
ttatgatggg ctcaggcata cccccgattg anaccaattt ccatgtattt atgtatttga    2340
cagctgagcg tgaggaaccc taanaaaata ccaaaaagac taggagctnt ntattt        2396
```

<210> 1686
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1686
```
gctaccgtga tcgtagtccg cgtcgcgact attacgacga ccgtgctcgc tatcgatccc      60
cacctcgtcg ccctatggag gattatcctc ccctcctcc tcgcggtcga tacgataatc     120
cataccgacg cgattaccct cctcccccgc ctgatcctta tgccaatggg cgacccccat     180
acgacgacc tcctcgagat tttcctcccc nagagggtgg atacccacca gagggtggct     240
atccgcgaga ctatnatcgt ggtggacgtt tctgatcttt cccaaccnaa tatgcccatt     300
ggcgtgtaac agtcacnacc tgtttatggg tntgaaaggg caagattcaa tggaagccat     360
gattggcaga caagtgcgac aatgtntgac aaccgactgg tgacattccc cncccaaagg     420
ataagcanat tggattggcg tccggtgcaa gggcttgcag gatatacttc ttggacaaat     480
gggaaaaatc cncnactacc gacttgagtt tgctacgtta tttgagatat attgtacnac     540
taggccatgg aatatccnca atganngttt gcttgttttg cttcttgt                 588
```

<210> 1687
<211> 535
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 1687
caaataaaac atcttgacca tcatcagact ccgagtgaag ctacatacaa gcttcatctc   60
ttactccaaa agccaccacg ttacccttc gccttttctg ccaggcctct agaagccttc   120
ccgcattccg tcctttgaca atcttcagaa tggcttcctt tgcttctcaa acctacactc   180
ccaccgagga gaccgagatc caacagtggc tcaccacctc tgagcgtctc aagtcccccg   240
aggacaagtc caccatcctc gagaccctca acaaccacct ctccagccgt tctactctcc   300
tcggcagcaa gccctccaag gctgacgttg ccatctacga gaccctcgct cccattgttg   360
ctcagtggtc ccccgaagag cgcaccggcg agaagggcca ccctcatatc gtccgccatg   420
tcgactttgt tcagaactct ccctcttcgg actcgacgtc aaggacgaaa acaagggtca   480
aggtcaacaa gangangtct ctacntaaac cnccgtcaa cccaaggcga aaaag   535

<210> 1688
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 1688
ctttactct cttgcttctt tatcctgagg ccgccaccaa tctgcaactt atttacaggc   60
ctttgggatt ttgcacgccc tgatccagga attgcacacc cttgtatcta tcggccctca   120
taatacccct ttccgccccg tccgttctgt ccgggcttct ttccctccaa ttctgcccgc   180
ctttctatc gcatcacatt acaacgaaac gaaacgaaac gcggcataca ctttctaccg   240
cctgcatttc aaatcgatac ttgtcttttg ctgctatctc tgaacaaatc gagttctttt   300
gagtcgattt accgcttgag gaacacataa tcagtccgag tcgcgcgtta ctgcttccct   360
gtcgttctac gccacctnca ccgcattggc tcgccgacag taaagctgat caatctcggt   420
cacatattcc atctncgacc tgcttcagga cacctctagc catcaagtcg actgtctttt   480
gacctcatac ccaccttaca tctaagccat gtcattatcc caccctcgtc gaaggactcc   540
ggtgacttcg cccggactgn gacaccgaga atgccttgnc tcttaagaac agnttntacc   600
cttcgtaagg gtgcaacctt tcactct   627

<210> 1689
<211> 615
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(615)
<223> n = A,T,C or G

<400> 1689
cttgtcatac gccgttaatt cgtaaaccca accgtttcgt caaacaaaaa ccgtttctac   60
gatgagatca aaaatttctg caagagcagg aattctccca ctgaataaca cacgctcaac   120
actcacatcc atcctgttcc ctgcaacgcc tgtctcgagg aatgcacgtt cgacgcctga   180
aagtcccggg ttctccatgt ctttccactt acgtctgct tcttcgcgcg cagcttgcag   240
gaccttttcc gtatcctctg actcccaaag gttacaccta tcgcattcct tacattgcct   300
agcgtcacct tcggggcgga agtggtcgca gaagtggcga tatccctcgt cactgaggtc   360
ggcacggcaa acgtagcaca tcttgtagcc gcacgggcac cgtgagtttg ttgcacctgc   420
gttcttgacg aacgaagtat tgcaacnggg gcagacgccc cttgatggcc atgctcatgg   480
cgtgctcgac ctgtgtacng agagctacgn gcgatgattc gtacacacat gtatattcnt   540

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tcatgacttg ngacatggaa agacacgatg agcgacacac ttngggactn tggctgtgaa   600
ttttgggccg gggnn   615

<210> 1690
<211> 449
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 1690
gtggaaactg ccgaagatgt aaacaagtgg acaaagcacg gatggggttg ggatactcct   60
ccctatgtta gctccatgtg ggttaacaag atgggcttgg gacgtgccac tggtatgaac   120
gttaggggaa gagacagctt ttccgagtca cgaggtggtg atcgtggtgg tgaccgtggt   180
ggttttggta atgaccgacg tggtagtgcc cgaccttcac gaagcagcga tccttttgac   240
aacatggcgg ccaacgttcg ccgtgacnac tttggccgtg gcggcaaccg aaccggcggc   300
tttggtggtg gcggttctcg cggtttcggc ggccgtaatg acaacggctc ccgcggccgt   360
ggcgggtttt cttcccgcaa tggcagccgt aatggcagcc gttcctcgtt ctaagttatg   420
anancggatt agtgaaaagg ttaaaatgt   449

<210> 1691
<211> 107
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 1691
nncatcgaga cnatcttctt catcacaagt gangcatcgg nnaagtgctc aacnggaaaa   60
gcncactacc gtcaatggtc gaanacantc tttttgccat gacatac   107

<210> 1692
<211> 738
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

<400> 1692
gatgtgcgtc ataccatgta tgtgccgcct cctaacctcc cagagagtgg caccgattcc   60
cctataagtg gtctagcagc atctccaacc cttgcaccat ctccctccaa gggaagtgcc   120
ggtgctgcat tggcgtccga ggctagcatt gccggtactt ctgatacaca atcggtgaga   180
tctggcaact cattgggcgg tggaaaccat cctcaacacg ctcaaatgac tgccctggt   240
ctcaactcgt ccatcattga gagtgtgtct gctgtttttg aagatggcgt tctcaagtcg   300
gcttctatta ctggtgaagt tgcattcgtc aacaatccaa gtgactccgg tgatgctaag   360
agctatgaaa ccatccgtat taacaacttt tggccctcg agcgnattgg tcctaaccgc   420
atctttgtgc aaaactcatc cccgacaac catgatcagt tcaatcttga tgtatctcat   480
ctcaccaaga atgccaccgc attttcttat cgagtattct ccaaagantc cgacgtttca   540
acattggccg aacatgttcc tctgctccta aagcccgcgt ggaagcctca gggagacaag   600
cttggcttgc ttctgcaata ccagcttaac ccggccgcca agattaccgc tccgtatcac   660
tgcacaacgt ggtcattgtc gcaaaatacg aaggtaaatc aagtggcgcc agacaaagcc   720

tgtaggaatt catctcaa

<210> 1693
<211> 608
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 1693
```
aagcgaaatt accttaactt ntttagacat ccgacctaaa ctgcgacgaa ccaccgtttt      60
cccatctcac caagaaccta gccacgatac ctacagcttg cgccttcaac tttatagggc     120
agtgaatgga tactctattc tgttgcacac gagcacacct tccttcgccc taacttcgat     180
cctcgaaact ttcctactcc accgccaact cctngaaagc tttgtatgtc tccgccggag     240
caatctacac cttcgtccgg ccagcctgtc ttanacaaga cgctgtctag caaacctgat     300
gttgatgtga cgtctactca gcaccctacg atagggaatt ctgatacctc ggacaactac     360
gaccatggct cgaaatcaga acccgatact caagagggaa agttgatcga cttgagcgac     420
cagccgacca accagtcgca ggacgacaac nctgacgccg ccgctcaaga aggaccttca     480
naaacgggta agggaaaaca agcagntgat gaccagtcaa cttcgagcgg ngccttaaac     540
acccgcatnt tgggtggatn caaaaacaag cctattgnat taccccgtn aaacgatccc     600
cgacttan                                                              608
```

<210> 1694
<211> 367
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 1694
```
ttaccttaat tgacctccna ccttcattgg tattggtatc ctttccccag agacaggaca      60
agacaatnat gacccggaca aagtnttcta cccccaccag cagnggcaac acctgcgcga     120
ccggntngtc ggccacaact gcgacgcgcc gacaggcttn cgcaagacct ggaaaagcga     180
gatccctcnc ttgtcgacaa tgtcgcgatc gtaaaatccg ctgcgacggc gcccgtcccg     240
tttgcgattc ttgttctana cnaggtcttt gtgcggaaca gtgtntttat ccagagattg     300
agcacgaagg gtcatcnctt ngtcgcgcaa atatatcgcg ctctccaaaa acgtgtacaa     360
aagcttg                                                               367
```

<210> 1695
<211> 870
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(870)
<223> n = A,T,C or G

<400> 1695
```
caaacgcaaa ttgaaagacg ataacaacat tcgatatcat cttgtcttct atcaccaaca      60
cttctgatta cttctcatct accttgtaca ctttcccttc agatatttca agatgatgca     120
cccactcttc ggcgtgcaac cagcaggctc tctgccgtc acatatcctc acgacgtgac     180
gctagacgat tacacacaac aaatggcatg ccctcagact tcaagggaga tactcgcgaa     240
gctccaacgg gacagcgtcc tggaggaact gctatgagag tcgccaaacc ttcgagtgcc     300
```

```
aataacagcc ctcgatcgtc tagtcttatg gctcgacgca agactctcat gaatgacggc      360
aactctcaac gacgacagca acaaatcatg gagcaacttt cttcattctg cgatattgaa      420
tcacaacagc cctaccaacg accctcgcgt cccgtgaagc tggcacccga gctcttatgg      480
tcaaacttca acacaacagc agatgcctac cttggcccca agttactcgc ctgttggtca      540
acaagatcta tatggaaact attctcacta ctcacctatg atgaattcaa cttcttgtgg      600
gacatccccc ctcgccttct cccatctncc actgccatac cagtctgccg ataacatggc      660
atacaacccc taccaaggaa cctgcatgtc gcagcattca ccggctgcgt ctttggcgac      720
ggacgcttgg tcaatgccng ctacttctgc tcctgtcgaa actgnataca gccatgggtg      780
ggattgggac aactttatca tgcatgggtt cnggtnaaca acggcccccca caccagaaac      840
actttcccca aagccaattt tnttaaactg                                       870
```

<210> 1696
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1696
```
ctatcctcaa gccctcatct caacaacnag gtcctcctgc cnaggaagat aatatgcatc       60
ccacaagaac aaacactcgc cgacacattc gaagcagccc ttcaacaggg agtgccgtaa      120
caactgtaat tgaagcagaa gaggaggacg cagatggggt ttcgaggaag ctcaaaaaca      180
tgcacctcac cgcaccttcc ccagtggaag aagagccaga ggtcgccgag gtccctgtta      240
ttgttgaaca atcagttatg cgcgagaccg agtccaaagc ccatgaccct cattctgaag      300
aagccgaaga ggacgaaatc gaggacgaag gcgacgaaga tgctgaccaa acaattgtcg      360
gggatgcatc cgaaacagat cctaccgacg atgaagacac tcaaaataat gaatccgagc      420
caacacctga cccngttgag cccaaggaaa ccaaagaaaa aagcgacccn caggaagaat      480
cgcccgaaga aatctccacn gattccccng aatcttactg aagaattcga ccgcaaatac      540
cggctgangc cccgcccgat accgaagaac aaac                                  574
```

<210> 1697
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1697
```
gctttctttg ttttacactc tcttcaacca cattcttctt ctgttcactc cttgacaaga       60
actcttctaa atacaacgaa caaactcccg ccattggtgc taaaataccc tcaacgtcat      120
gaggtagtct ctcatacggc gactttggct gatagtgtca aagtttctac tccaaaatct      180
aaccacgata gcacattcaa tcatccatca agatgacggt ttgcaaattc tttcaacagg      240
gaaactgcaa gtttgacaat aggtgtcgta acgagcacat caacccaaac gatcaaaacc      300
gctttggagc tctaggagga ggcaacaaac agagccagc tgaaaatac aatatcaacg      360
ccgataccat cgaaaaagat ttgacgaccg aagtaccgca atggatcctt tcagcctatg      420
ggccanggag agacgctcct gggcagctct ttggcgggtt cccacgcnaa acagaatttt      480
gaaganttgc ggctgcactt tatgatgggc aaggnttcag gaaacgaaca gcaagttttg      540
aacgaaagcg caagaactgt nccgaacgcc cagcaacnaa tgcaaacc                   588
```

<210> 1698
<211> 703
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(703)
<223> n = A,T,C or G

<400> 1698
gccaaatgat ggtaaatatc catttcgtcc aaccancttt tgaaantaac ctgttcnttg   60
aagaaatgac cgacggtttc ttgacggaag ccgggggcat tcttgaagaa cttaccccc   120
caccttccag ggataagcaa aagctcccat aagaacgctt gaagtgtcca accagcttgt   180
gagaagccca gtaggnattt ggctgaaagc cttagaaact gtggaaaggt tgtgggcggg   240
ttgttaagta cctaggcaat tgatgtccag tgagagccaa gggtccgctt gcaaccgaga   300
agagtaggtt attcaggagc tggtggaaag ctctttgtcc cgtctgaagc ttgnggtatt   360
gcgctgtttc ggaccccgat ttgttttttaa aacttctttt tcctcccctt ttcacttgca   420
ttattcaatc ttcaactgct ttatttctct acctaaattc cccgaaataa aaaccaaaaa   480
ccgtcgaaat ggcaccccgt ccccgtttca actttattga acccttaatc tttttccaga   540
ataccattgg nacttcttcc cagaacttta anggtggnct tcaaanccgg agcntccaac   600
ctttggggtc ccttccnaaa aaggggggng aatgnctggt nccttccntt ccaagtccna   660
nttatttgnn ttatccccct anaaaaaaaa ccggaaccag ttt   703

<210> 1699
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1699
ggatggatct tttacgacaa caagtggcaa cacggccaaa gaggttcaga tggctggggt   50
cgttggacaa gacgaanaaa gtggtaccgc gatgccgagc ttgtcgaagt tgatcagaac   120
gcagactcca aggaagcttc gaaagacaag gaatccccag cagtaacgaa actacgatct   180
caaccatacg ccagtaacga agcaatggtt tcgacacgaa ccgccgaagt tcaagccaga   240
agacaccagt tacgaatgac gccagctcca aagttaccag acaatccctg ttngtacact   300
cgacatccct ccaaatcttt ccntcggtcc cctttctgcg aaaaacaacc cctgacgaac   360
ctggaaccna atnttaagaa ccccccgaca aacntttaaa ccgttggaca acattcnntt   420
caccaacaaa aaccccaacc tttngttgcg gaacccgggn ttggnaattc naacaggttg   480
gccngaagaa aatggggttt ttggcaaaaa agcaaaaaat tnttaattac aaggtttttt   540
tttcgnaaan cccccttcca aaattagggt ttnatggaa   579

<210> 1700
<211> 580
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G

<400> 1700
gctgctacac cttgtcagcg attgcagagg gacggaccct cgcacgccat cgccaggtcg   50
ctcgctgcga gcaagggcat ggaagcaggt gaatagatag cctgcctaca gaacttccaa   120
cagtaatcga aatnatggga gatcatcact caagccctgg taaaaagacc tctcgcagtc   180
ttgccgatag tgagaatctt tctagcgtca acatcaaccg caacaatatg ggctgtcgan   240
tttgtcgtgc aagaaaggtc aaatgcgatg gccgaccaaa cggctgtcgc aattgcgaac   300
gtcttcaact cgagtgtgct gatgacgacg ctcaaaatcg gggcagtcng cgtggctcag   360
ttcctgtttc tctgaaaaaa atccggactt accggtcttg tacaactgtc gtgtttcaaa   420
gaacaaatgc gacggcgaac ggccgaaatg ttcgcgatgc tgcgcccgtn atctggantg   480

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```
ccantacaac ggaagctcgg ctcctcgctg ggcgcgcaac cttancnagg caccaaccgt      540
gggctccaaa tgaagaaaaa ttaaaatctt ctttggatgc                           580


<210> 1701
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1701
caatagccaa ggcgtggtca attgaagcac cgtcattata gcagtgaacc tcctctgtct       60
gagggtttgg cgagggtggc tttgggttcg gctttgggga angtctgggc ggcgcgggca      120
tgggtttgac ncttgtggtg gtggctggat ttcgccaggt tgggagaggg agaccgaact      180
cgagcgcaca ctgtcgctcg ttctcttgat cctcctcgtt ttcgggcacg ccgggtgttg      240
gtacattggt agatccggga tgggaaggtt tngtggttct ggccntcttg gtgggtttgg      300
attctgaaga tcgggaaagt ctctgccacc atctgggtta tcnanaaaac agggatgatc      360
gcnaaagacc nacagggctt gcCncaatcc atcttacacc tangacccgc tttcctggac      420
nccaagttac aactgggaaa nataatggta naacattatc tccgatttnc tgattttaa       480
gttcgta                                                                487


<210> 1702
<211> 608
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 1702
caacgatgga cggcaaagac aaggacaaca aggacaacaa ggcccggaat ggggcgacga       60
tcgcgagcac agcttcctcg acgacgacct ccctgtcatt cgcgaaaacc ttcgaaaggg      120
gttctttgag acacaagaga aggtcaacgg atggatcaca aacctgaaga agaagattga      180
agagaatttc gatgaaagcg aggagcagac acaaagtcaa ggacagcctt ccgtcgtcc       240
tggagagtct agccgccgga gcggtgatta tgatcgatat gacgcggacc ctcaagtgct      300
cagcgatgac ttcgctggca tgaagttctc atctgatgga actccatga accggcctat       360
ggctaacact ggcatgtaca agcctccgcc ccatcaactt cacccaagcc tacaaccggc      420
cgacgagttg gcttcaagga ggaaacagaa gagatcaaca tgtncgatca tnancacgag      480
tgccaccaag gttccgncct acancggtcc agaggaacag tgnaacttgt cgcgtgacca      540
gcccttgtta gaacgccatn agttggagat gtgaaataaa ggngcccnta gaaccaggtg      600
tagatntt                                                               608


<210> 1703
<211> 536
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 1703
ntgaagttcc tntggtctnt cgccctcgtc gccgctgttg cttctgctca gtccgctacc       60
gattcagacg ctgctgccnc ctcagcctcc ggnggatgtg acgccgactt catcgttaag      120
```

```
cgatgtctcg aaaccgagaa cgcaaaggtt gaggagtgta agcccaacga ctgggattgt    180
ctctgccctg cttacgaggc cgtcgctacc tgcttcaaca actgccccga cnaccctcgt    240
gctggctccg ccaagggcca ggttcagatc aactgccaga accagtntct ntatggaacc    300
tccacaagga acacaaagac cagctntgcc acaagctact gcctcggaag catccgctac    360
cgagtctgat gatactgaan agaccggcac tgcaactgag tcggcttccg ccgccgaaga    420
acaccaataa acgcctntaa aaaggcccgc aacaactggt ggggggttctc ctccccgttg    480
ctnggggttg ttgctgcccn cctgnaattc caattttnaa aaaggggggtt ttaanc        536


<210> 1704
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1704
catctttcgc agaggttcta ttctttctta acttgtccga ttctgacgct cacctttcta     60
tagctgattc cggtgatact tatcgacccc gtgagaagtc acgatctccc ccgcagaacc    120
tcaagaaacc cccgaaaggg tccaccgacg cccgctccta ttcccccccgc agccgatcag   180
ggaagccggg gacgactatc gaagaaaccg tgatcgttcg cccatgacta gcacaggcgc    240
accangtgga agaacaagtg ctggatacgg tggacaggcc ctcaccgatc ttacgaagaa    300
cgagccgttg ctcgagaaca aatgatgaac aacattcgcg aatcgtccca acaggaccgc    360
cgagtctacg tcggtaacct ctcgtacgan gtcaagtggc accatctcaa ggacttcatg    420
agacangctg gagaagtgct ctttgccgac gtgctcttgc ttcccaacgg aatgtcgaan    480
ggatgcggaa ttgtggaata tgcgacacng gancaagccc agccgctgtt gncccactga    540
accaccagaa tctcatgggt ctctaatcta cttcgtnaag aacgtgaagc               590


<210> 1705
<211> 489
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1705
cttgatccca actacaagcc ctcacgacct ctcgatctat atttttgacc tttatcgcct     60
atcagagatt agagcggctt attgttttcc gcatagtttg ccttctactc cttctcttct    120
tcttagacac tctacaccag cgtcatacaa ctttcttacg agctctattc taccgtcata    180
gcatctgntt ctcagggatc gccgctgcaa caaacacatc gacaatacga gtacctaggc    240
actagcgaaa cttttcctcc catcatattc gatctcgaac ggncagtccc gtcggcgcgc    300
ggggactgcg actgcgacaa tgacaacaaa cttggataac agtagcaact cttggctgaa    360
taagctggtg ccaagtcaat atctttcaag cgccttcgaa gaaaacaaga cgggaagcgg    420
cagggtttcg cttgcgatct agnqttttgg ccatcgcaat caagcgcgaa ctttgaaagn    480
gaaggacccc                                                          489


<210> 1706
<211> 655
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G
```

<400> 1706
```
agaaaagcga aggtcgtgat gacgaagttg aagaagccga ggaatgtgtt tcggagctta      60
ggatctcgga tgaagcaagc aacaaggccc cgaaccaagg agtagccgag gccgatgaga     120
aagaaggaga ggacgatcaa accgaggaaa acggagctga tgaaggtgaa gccgatgaca     180
gagatgaacc cgctaaatca gagaaggggga ccgccagcaa gccttcagag acaggctcgc    240
aaaacaacat gccaaactcc tctaagaagc accccctaa gcgaggtcaa cgaagcaaag      300
ctaagaagat tgctgcaaag tataagcacc aagacgatga ggaccgagcc gctgccgaag     360
ccttgattgg agctaccatt ggacaaaaga aagctgaggc tgaggcaaag gctaaagcag     420
atcgcgaggc tgaactcgcg gcagctaaag agcgacgtcg tgcacagcac cagcggcaac     480
aaaaggaaac agctgaacac gangagatcc gacgcgtcat gatggaggaa ggtgttgaga     540
tacttgatga agacgaggnc agtcagatga cagtgcttga tgctattggt ggcacacctn     600
tttcccgggg acnagatcct tgagaatatn ccaagttgng cttccattgg aacgc          655
```

<210> 1707
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 1707
```
aaataatata aaagcaatac ctgatcagca gcccgcttct tcttccttca gcacaaccta      60
agaagtagca agacaacaag ctgtcagtca acttgcccgg cttctcccta ttgatcttct     120
atccttggct caggtctcgc gtttttcttca ctaaatccat catggcggat tttggggagt    180
atccgccaaa tatggcgcct caggatgcgc tcattgttcg ggagcaagct gaacccgatc     240
acgutgtggt gccttttaca gccgaagacc tgtcgcgtcc caaggccggc ccctgaatc     300
cgttcaagga cgagagcaat actttgaagc gcaagagcgt cccaaccgga catgcagagg     360
agaccttctt gagcgaacac acattccgaa gcaaacaccg tgctatcgag cgacaaggag     420
ggcaaggagg acccgagcga cagtatcaga caaacgcaga actgaaagcg gaagcggcga    480
gaatacgagc tggacgtgaa gataaggcag cgcaatcatt gcagaaggtc cngcttctac    540
gtttggaccc tgggcgcgat acaaagaaag cccgaggtnc caanatcgtt ggcagaagga     600
tgaaggaact ggcgaagcga tgaaaaa                                         627
```

<210> 1708
<211> 116
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 1708
```
ttggcgtnta cgtnctcccc aagatcctcg acgaggaggt cgcccgtctc caccttgctc      60
actgtcaggc tgagctctcc acccttagca accgttcaag ctgagtcctn ggctgg         116
```

<210> 1709
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G
```

<400> 1709

```
ctcatgaacc aggtacctat agaggcttcc cataccactg cccgacaatc cttgcgcgtt      60
ttaaaatatc gccatgcgtg ctcgatttaa aggcccagca ggcaccggca ttcttgagct     120
accagacgat gctactgttg aagccctctt tgatgaaatt cggacaaaga ctggcatcaa     180
caaattcagt gtgagatacg gtctgccgat ggctatgaaa tccctcgaag ctactcaggg     240
tgaccagatt gctcgatgcc ttggtcttca tggcgaaacg ctcactattg tccccgagga     300
gtcatcatct gaccctgctg aggctgtcca aaatcggcct gttgcatcca tgccactgaa     360
aaagaatgaa ggcccggaag accgaacgtt ccatggccgc aganaaaagg cactcttctg     420
ttacgagtga tgcccagtga caatagttgt ttgttcaccg cgttcggggg cgcattgcaa     480
gaccaaatcc ctgcccaaaa tttgagacag atgatggcag actatattct cgaacatcca     540
gaaaattttc ggaagctgtt cttggcagcc ctc                                  573
```

<210> 1710
<211> 856
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(856)
<223> n = A,T,C or G

<400> 1710

```
atttaatatc tacttatatc ttcccccctg ctggaccctt tttctctctt cctactcaac      60
gacccagacc tctcttgtct tttgtcttcc ctacttgga caaaacttga tacccaacat     120
aaacctacta ctactacatc ccatactatc atcatcatgt ctatgggaat catcaccatt     180
gtacatgccg ttctggctgt ctttctcatc atcgagttag gcctcacagc ttacatggtt     240
gatttcaccg accactggtg gaccgactcg cctgcctcct tcgccttctt gctcttctgt     300
tccgtctggt ccatcctcat gcttctctac ctggccttga cgccctcttc tgctcctcgc     360
atctaccaca acatgatcgc tctcggtatt ctcgcccttc cctcgctctt ctggtttgcc     420
ggcgctaccg ctgttgctgc tcacatcggc gttcctaagt gccacggaga cacccgctgc     480
caatccactc aggctggccg tcgcattcgg ttacttnatn tgggccatnt ttactggctt     540
gaccatcatg gaggctcttg ctttcatgcg aggacgtggc cacactgcac acgctgacac     600
taagcccccg gtcacaactac ggtgcttaaa atcagataat tcatcggaga cgtaatnaag     660
tgatgtcgac ctgaggagga aaanaaatgg cgncggagtt ttgtttattg gttgactttc     720
cttttaattg tcatgtcatg tcgngtcatg gaaacggccg caagataccc ttctgtcaga     780
agtgcccgtt acaggtctac ctttttgta ttatacgttg tattaatgtt atattggttc     840
agacaaaaaa aaaaaa                                                     856
```

<210> 1711
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1711

```
aaacaaccaa cctcttcacc actatcacat aaaacttatc aatctcgact ctttactcta      60
aacaacaatc tacatcaacc atcaagatgc aattcctaag cctcgtcctt atggctactt     120
cagtcctggc cattcccgcc aaactccctt ccaaggcccc agcaccaaca tgtatggaaa     180
agggcacaaa ggtctcttca tggaaactca cagactttgt ctacaacgtc caaaagagca     240
caaacaccgc cacagtcgag tttgacctcc acaacgctgc tctcgactac acggcaaatt     300
gctacggcaa gtcagtctct aagaaggccc tctttgatgg caagaccgac tacacctgca     360
aggtccccaa cggagccgac tctgccacct tcaagtacaa ccataagaag ggcgtcatct     420
ccgttttcca gcactgggcc tgcgtccagg agggtggttg gttcgaggcc atcggcaaca     480
agacttctgc tgagaccaag tcgaattgtc actctacaac caagtccgag acttgcacaa     540
```

aggcctcctt nctggtccgt tctcgaaatg cgtgccgtct tgtaagaagc yacactaaga   600
ccgaatcgca tcttctttc ttttggcgac aacattttt gacn   644

<210> 1712
<211> 645
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 1712
cgaataatgg ccacggtacg agaaggagct cgcatagcga gctcactggg acgaaggcaa   60
atccctctac gggctgcccc catttgtgca cgaagatatg tctcgactgg ggccgagaag   120
tcctcctccg atctggcaga tctcgacaat gcctcctctt ttgcgacagg tactcccgat   180
caggcggcta tcgaggcttt caatgccaga gaaaaagcca agggaacagc caataagctt   240
cctggtaaca gatatcagta ccatcctccc aagtattacc gtggacccct ccatcccgtc   300
caggttccca agtcctccga cccgactgcc cgagacttcg tccccggtcc cttcaacttc   360
cctcgattaa ggcatacata cgagaccaca gttgctccgg acttgatcac tatgacctac   420
cagcacattc caccgggcac agaactaccc gtttccaaca agggtaactt gagagaatgg   480
gacggctcct cccttatcat aagaacagac ctcgccgtgg acctcgtgga ggaggntctt   540
tgagacttgg attggtcgaa cgccctatcg agtggnacaa tggtnccgaa atcgaggntt   600
ttaccatcaa ctnattcgtt cttttaagct ccagaataag gggtc   645

<210> 1713
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 1713
tgctcccatc cagaacagtg tttacctggt cgccatggct ctcatcgccg gtgctcgcac   60
ctaccaccag gttcgcgcaa ccgtcaaggt tggcttctgg aaagtcatgc gtgtctcatg   120
gatcacttct cccatctgcc tggctttcgc ccagaaattc cttcctgacc agctctggat   180
tccttcttc aacattgtgt tcttcatcat tggcacttac atcaacacaa ttaccaagaa   240
aaaacgcctt gcagctctcc gtaagaanca cttcggcgac gaacgccgat ccaacnctgg   300
cganatgcgc ccangccgcc ccgacaanta cctcctcctg gtatgggcgg tgggcctaac   360
ctccttacta agtgacacaa tctcaactgt caatccgagc ccggtgaaac cnagaagana   420
gtttaaagan ganaatgggg gtggngaaga ntttaaaaaa aaaggaaatg tggaactgaa   480
aaaatagcca aatganngct tcttggtngc gaacggataa cacaaaaccn tgctcggatn   540
gggcggcgtc ccttgacaat   560

<210> 1714
<211> 256
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 1714
ntngcgtcat gcattaatnt taggangatn tatcaaaggg atttatacan tcattggnta   60

```
atgatgtacn caactatntn cgatctattn atatctaata ntgactntcc ctggtggtaa    120
cacgaacgat attgtcgagg cattgaattt tgggaagatt gtgggtgcgg cgttggatgt    180
gaccgatcct gaccgttgnc taanaacaan tttttttgggc gtaaaaatgt gattatagng   240
ccccaaatcc ctttaa                                                    256


<210> 1715
<211> 240
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 1715
cacanaaaaa nggcgataag agggatacac aggcanatnc cagtaatggt aagcagcctn    60
tgcacgtgct tgtacgcgta aatcatggca gtgcgctcgt cggacccgac agggaagtcg    120
aggatggcgg aaagaggctg caagtaggtg taaacggcga gtgtcttntt tccaaagctg    180
gaaaaagctg gaaccaaacg gacaggcaan acctggggtc caanatggcn ccccacacag    240


<210> 1716
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 1716
aacattttga acaaattact atttcttatt caatatatac aacccaacaa tcatgtcttc    60
tcccaacaac aagtcacctt ctgctctcaa tctcgatggc accggcgacn anaaaccccg    120
gctcactgaa gaggaaaaga agcaaaacca cattgcatca naacaaaagc gccggcaagc    180
aatccgtgaa ggttttgatc gtttgacaga gcttgngccc ggcttggaag gacaggggag    240
atccgagggt ctngtgctca agcgtacagt ggactacatg catgatcaga ttgcagagcc    300
ccaaacgttg atcgcacgaa ttgaaccggt ggtggccagg tggacnacca cacaagaggg    360
cgttttttcaa cangtccacc aaatcagaaa anaaactagt tagactntcc tcgagggaca   420
ttatcnttnt ggccgcggtc tagatntccg aggggcggc                          459


<210> 1717
<211> 576
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 1717
cggaaccaca tgtgcttgtt gttgtgtttc atcaaaggaa ccgaacccтt caacgtctca    60
cattgactgt caatagcgca ccgtccatcc tccttacagg gaccctttcc cctactctga    120
cctccactca cctgtccggt tagctttgtc gacataactc nnagccaagc cttgcgccag    180
ccccaatcaa aactggggac cacctcagca accatttcca tccgtcattt gccaaaaggc    240
tacgttcttc atttctagac ctttcgtcgt cacaacacaa cgctaccaaa cccacgatca    300
atctctccac ctttccgagt cgatcctgac tattatcgca accttttgc tcgcgatacc     360
actctctgat aactcgatcc cgcatcgatt ctctctctca atctccctcg gcttctctat    420
tcccgaatac naacgttcgc cgtaagctgt caatatgacg ctcaaagaag aattccaaac    480
```

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```
gcgaaacttc agcatctacg gacaatggct tggaattatt tccatgatca tttgtctggc      540
tgtcggaatc gccaacattt tctcgttcca tgttgt                                576


<210> 1718
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1718
cccgacctgc ctaccgaggc aatccaaact cctgctcgag ttcactatcc tcactttcc       60
acatcagctg tccatagtgg gatcatagac tgcgtggcat tctacggcga ctgcattctc      120
tccagagcat gccacgacaa cgtcatttct ctatggagaa tagaaggatt ttcgtccaca      180
aacccgcctc ctgcagagag cgaagcaccg acagctcaga ctaccgttcc aactaattac      240
gaggaagcga gtcgtctcac gcgttcggct tttgttccca caatctcccc acaatgccca      300
tctcagtaca ccatgttgct tcagttctat acccccaact gtggcccgca gttttttatg      360
cggtcaaatt gcactttgtc ctgaccaaca tcccgttttg gctttctgta tgcancggaa      420
acgtgttttt ctgggacttt gaacgcttgg tggcatatcg cgagtttatt ggaagcactc      480
aagacctggc agggataaga gcaaatggtt cttaaccanc tggtgagacc antaaaggtc      540
gtccaagtna actccaaagt cggcntggag gcgc                                  574


<210> 1719
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 1719
aaaacccta accaaaacag caaacccaag actgcgacag tcttcaagcc gtacaagata       60
ccaccaaaag agtcgccagt gccattgcca gcaaattttt tggcggcaat gacatcgaca      120
ccgaatactg tggctgctgc cgttggccaa ccggctctgc agcagtcctc gaacaagggt      180
tcacccgttg agcccaagcc tgtgcnaaaa gtgcaagcaa cgcaacagtc gccatngggg      240
gcgtacactc caggcaaaca gccgnttggt gctaagatct ctgagacgcc tgtgccgatt      300
ccacgactgc cgggtttcat gcctgtctcg acatntanag aagttgcttc gccacaaaag      360
tacgtgttga atcaagttca ctcaaatcga catttgcctt cgcatcaggg cagtttagtg      420
acgcctgtac ccgcacaaga ncaggtggca tcgtctgttc gggatggcaa agcttgtnct      480
taccaacacg aaccctgaga atgcncccca aacngtattg gcagacaagc catttctttc      540
caaccacang atttcccgat gttcctggaa gcgaatctat gaaantcatg ggcagtctcc      600
tggga                                                                  605


<210> 1720
<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 1720
cagcgcctg cttttttccaa cccttggtct tcatcctcac caccacagca tcctcctgcg      60
```

```
ggaagcagcc tctttgttgg tagccagcca gccctcaacc caaacatgat ggccggcaag      120
ccacctcaaa gccgcgcgag cactagcagc acttcgtcaa tggcttctta cggaagcgcc      180
atgccagtgc ctaacacttc tgcagaccta ctcagcatca accgcatgca aacaacgtct      240
gctgcttatg gagaccccac ttacaccaca tctgcttctc ctgtcaacca ccactttgcg      300
cctacatcag ctgctcccta tgacacactt ggttatgcgc cagctcctgt gcgaccacca      360
ccttttggtc tggctcctgc tgatgacacg cgagacgttt ctcaacacat ccaagatgaa      420
cggangactt tgcgatgctc tcgatgctag ccacgcatct ggtatgacca gagaacccga      480
ccatctangg angcgaatga tgatctcntt gatctatgga tccttctacc acctacattc      540
tcattcttct atggcattng tctata                                           566


<210> 1721
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 1721
nancttctac agnggngggg gtgatggagt cagtatctgg tcgccaggtg gaatattact       60
aggcaagatt cttatcgagg gcggcgttgc aaacttttgc ttcggcataa acggcgaact      120
tttcatgctt aatgaaagca aaatgtggcg agcacagctt ggcagtggcg tgaagggagc      180
tttactcaat atttaagaac agataaaccg tgagataccg aatgcaaaac attcaccaag      240
cttgttctgg caacaactcg ttcccgaccc aatcccgtcc atttagaatg gtttcctggt      300
agtctctatc catctgagag ttactaaacc aagcatcttc gaaatagcca ggagaagcac      360
tgtcagagtt ctcccataga tagtcttcga atctcgcggt tttaacgcta cccacaggga      420
ccctgaaact cagctgggct agccaaagta ctgaaattgg tggttttaag aattcgatcg      480
cctgcaagaa gtattttga tcaaacatan caatttcttg caggtttcga cccacaaaat      540
tggntgagag attggtgttt gntttaagag aacnntgggg attcttnata caaagggtnc      600
antcttgtga nttttttggc c                                                621


<210> 1722
<211> 886
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(886)
<223> n = A,T,C or G

<400> 1722
tccaatagtt ccagtttcgt cgctcttgct gttcgtgacg gaatcttgtt tgctggcggc       60
gatatcagtg gcaccattga tgggactgat attcgtggcc ttgtctccta cgatcttgaa      120
tcaaaatcgt tcaactcgca gcccgcttct gtttcgggcg ccaatggtac cgtcgcagct      180
attgccgttc gtcccggtga ttctggtgac atctatgttg gcggctcatt cgatactgct      240
ggtgctttgg actgccctag tctttgcacc tacaacgtga actctggtca gtggaaccgc      300
ccaggcagtc aactcgaggg tactgtcttc agcttgttgt ggatgagcaa gaaccaactc      360
gttgtcggtg gtgatctccg tggtaatggg tcgagccagc gttacctctc aagtgggac      420
gcaaatgcgg agtctttggt ccaactttcc tggtctgaa gacgttcccg gccctatctc      480
agtcatctct cctggatcca gcgattatga acagctctgg gtggctggta cttctagtgg      540
ggatgactct gtctttgtca tgaagtatga tggcagaag tggcataccg ttcagccctc      600
ctgtcatcg gacaccatca ttcgtggtct gcaggtgttt tcgtcactc aggatcatgg      650
agacgctgac ctgctggaca agaaccaggt cttgatgcta acaggctcta tcgacatccc      720
tgacttcgga gtcgcatcgg cagctctctt caacggcaca gtatatcaac cgtatgcaat      730
gacgataaag gctggtgatg gtccaagcac tatcgccagt atcttctctt ananggacaa      840
gtttctttaa aagaagagaa gcacatggct ttnggcttcg tgggtn                    886
```

<210> 1723
<211> 659
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 1723
```
acaaccgaca ttcgttaatt ctttcttcct acggtcgctt ttaatctacc taatttaatt        60
catcgcaatc aatcacacgt caaaatgtcc accaccgtca gctccgcttc ggcccccagc       120
gccagcaccg cctgcgctgc tcagctcttc aaccagccca accaagacaa cacctgcgcc       180
ctaccctaca aggatgaata cctcaccatg atggagaagt gctgtggcga cgcaaagatt       240
gttagctact acgacaactg cggcatctac tgtgtcgccc tcgaccagac catcggcgaa       300
ctctccaagt gcctcttcag tgagggcgct gccgacgccc gacgttttct gcagcggtag       360
caagaagacc acaaagacca aggacgccga tgtccccgtt accgccaggc gagcgttgtt       420
tctagcaagg acgatgatga caaggatggt gatgatgagg atagcttttc tgctggttnt       480
tttggcacaa gctaccggca ctgttttttc aacagtgaga cctnttccga gaatggtaac       540
gctgcttctt ttttggcgcc caagagcggn atcaagactg gtgggtcttg ccatcggggc       600
tctggtcttt tctncttcgn tggtggggct ttcagtgnaa aatcggantt aagttgnnt        659
```

<210> 1724
<211> 546
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 1724
```
ggtgcaaaag tcgttactgc cacgtacgac gacgttgaaa gcctnaaagt agcctttcaa        60
ggcgctgaag ctgtttcact gatctcgacg tggctctttg gggaaggtcg ccgtcgccaa       120
gctcagacgg tagtcgatgc tgccaaagcc tgcggtgtta agagggtctg ctatacctca       180
ttcattggtg ccggtatcga agccgagaat gaagaggata ttcctttcct tcctcgagat       240
catcatttta tcgaaaagat catctacgct tctggtctgg agtggaatat ncagcgcact       300
atctctatgt agacaacatt ccgactttgt ttgcacagtc gtggaagttc tgtggtgatc       360
gctggttggt caacacacat ggccanctgg cgcttatgtc gcacganaag actgcggaaa       420
tgtgctactt gcctactcct tgnaaganga aacctacnca gtttatgaga tagcggtcag       480
aagcagtnac caacnaanaa ttgtcaaatg gatgtcgaac agaccgntac canggaaaaa       540
ttgtta                                                                 546
```

<210> 1725
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 1725
```
gccgattctg gcgttcccgc tgctaagaaa aagaagagcg catggttagg ttcaaggtta        60
cagcacatcg ccttgccagc gtgatgaagg accagaggaa acccattagt aatgggcgaa       120
cgtcactacc attaggcggc tctagagatg ctcctcctcc cctctcgaac ccaagatcag       180
attcgattac agctaagccg gcaagaaaac cccttccaac aggtgacgtg gtacgaangc       240
```

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```
ccttgcctgg aggcctgcgt catcaccgcc ggaaagaaag atttctttaa gcacacattc    300
aaactcaaca ccgaagccaa gtctgcgagc cctgcgacaa gtacgccacc ccctggaagc    360
accgcccccc tcaaagaacga agatcaagat tatcagaaag tcgaatccac agccaccacc    420
ggctccctag gaagaagcag atnanatttc atgccccaaa acttcagtgc gcccaagccg    480
tcatcatgaa acgga                                                     495


<210> 1726
<211> 555
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 1726
tgtaaacact cgtttcttac aaacataacc acccaagatg aagaccacca ctttcgctgt     60
cgcccttctc ggcttcttcc ccgccatctt tgcccaggag actcttgctc cctctcctac    120
cgagtctgtc ggatgtgagc ctcacggaga ccactggcac tgcgacggtg ccaggtccac    180
tcttgcgact gaggccaagg ctaccaccga cgctgagcac gatgacgacc atgatcatga    240
ccacgatacc actggaacag ggtctcttgc tccttctccc accgagtcta ccggttgcga    300
acctcatggt gaccactggc actgcgaagc tgccaagact ggttccgaag ccaaggctac    360
cgatgatcac gaccacgacg accatgacca cgacgatgaa gaccacaccc actctgctgg    420
tgcgaccaag tctctctctc cttcgcccac agaatcaatc ggctgtgagc cgcacggcga    480
acactggcat tgcgacggtc ctgctaccgc tgcagctact gcgggcactg nctctgantc    540
agcctctgcc accga                                                     555


<210> 1727
<211> 292
<212> DNA
<213> Fusarium venenatum

<400> 1727
ggagcacccc accgacatcg agaccatgcc cgtctacacc gatgttccca gcccagcaa      60
gcctgtgtac actcctcctg ttgagcacca gaccaccact cacctgacca cctctactat    120
ctacaccacc aaggtcacca ctgttaccaa gtgccctcct gatgttgtcg actgccctga    180
gaagcctcac accagaactg agactgtcgt tgtcggtacc acaatctgcc ccgtgactga    240
gactcatgtc gtccctgtcc ctcccaagga gactcacccc gttgttcagc cc            292


<210> 1728
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1729
gacgatagtc ctgacgacac gaaactacga aaatgcttgc taagtcgtca ccacacaana     60
cggcggctaa ggatgaccac gttgatagtt tcctttctga cnacaancct tttgttngct    120
ccagccaagc caacatctgc caagtccaaa tctacgggta ccgagtctga ggaccaaca    180
tcagtggtc ttgcacag' caaaaaggt cggggtcgtc ccgctggtgc taanaacaaa       240
gaagcgacga aacccaaggc cgctcccaag gcagccacaa aggttacgaa aacagcagcg    300
tcaaangttg cttcacgtcc cgccacaaaa caaaccactc tctcnccagc agccaaggca    360
tncgcgcga aaaaggctgt caaaaaccgg tactccacaa tgactccgat gaanacatgc     420
tgaactgac tcccccctcc taaggctgct gcnaaggccg acctggaccc ctgccgctgc     480
cagacnaaca attgttgttg acaangatct cc                                  512
```

<210> 1729
<211> 435
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 1729
```
aagaacgagg gccaaacact tcatcaagca tacgactatg tccgccatca attttatcgt      60
ctgcgccaag aggagcagat cgaaaagcga gtggctcaag aggaagccaa atacgtaggc     120
gcttactttg gccaaacccg caccgatgtt tcccacggtc tcgaagaccg cgagttcnag     180
aactggaaga tttgggccgg aaaggagacg gagcgacagg agcagaaccg caacggtcaa     240
attgagtact ttggtttgga agaggaggcg gaagaggacg ttgaggaccc anaggcagng     300
ccggaggcca nggncgaggn cgtagaaggc nagaagttcc cttgaggcgg tgatacccgt     360
catgtacnca ccttgtttta tcgttatgta tagaaaacaa ctaccatgtt ccagaaagcc     420
ttttgggtgg naaaa                                                     435
```

<210> 1730
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 1730
```
gcttcgttgt tgtccgaaaa tattcaccga ccaagcgatt aattaatacg atcccgacca      60
ttctgtcata ttcgcaacaa tgccttctga acgcgaactc cagatcaacc caattgtccc     120
tgagtctatg attcacaaca ccaaggctct ttccaatctc cacagtctca ctgcttccct     180
cttcggagtc acagctggag ttctcggcct cgagtcctac tacggcttcc tcgtctacat     240
cgtcttctct ttcatcacca ctctcctttt ttacgtcctc aaagtanccc ctgaatcgct     300
tcccaagggt catgctcctc tcgatccttc gcggttctac cgaggactct tcgatttctg     360
ggncggcggc atctccaatg gcatctcggg tttcgtcttg acgtggacat tattttatgg     420
attggttagg gcataggtca acagtaccag gaatctgcat ctacctttgg cgtctttgga     480
gttatganga aagaattgtt aaaatggcaa cgcggcatcc aaaaaatgag ctgngccata     540
aaacaactnt tgnagaatga gaaagtttnc aagtcaaaaa caaatcacna aatgctnccg     600
ncaatgctcc accatt                                                    616
```

<210> 1731
<211> 815
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G

<400> 1731
```
cttcctcttt ttgagaggtc aaatcgtgga ggtattttgt ggagggcgag cactaagctt      60
tcgattacct ataccaccca nctggacaga caacgaccgc tgtggcgtcc gcaggttggg     120
gtggtatgtg gaggatggca tggttgattt agttgacata aatatgcgtc attcgatgtg     180
cagcaaggac ggctcagccg agtcggacaa tcttgaagac gccgagtaat tcttctatta     240
accttcctcg ccgcaaagtt attttctttg cagtctcat cctagatcgt cctgtggcat     300
```

```
catgggattc ggctggataa ccaacccgct aagaagatca tatggacctg atgcgccagc    360
caggtcccag tcgccaaaat cggtgtattc atatacatct gaagcataat tccccatcat    420
ggggctaact ttgtcattga gcggttcgtt taagttgaac gccagaaaat gctctaaaac    480
acgcaggatg gcaccctcga gacgaatcac agcatattgc ataggctgat gacttttgct    540
catcatacaa aaattccaga aatacaagtt taaggtttct tgccagaaat gacgttcttg    600
agaagatagt gaggtgacga gaagtanggt ggtaaangag ccgangagcg agaagaggta    660
gggtgatgta aagtccaaaa tgctttgaga tggtcgggnc ctaagcttat cacgaagctt    720
atcgnctttg gcttgttgga aaagcatctg cggatgctgg aaagtcccna tcgtttacaa    780
cttggtggaa ggctntaacg natcagcgac ccaaa                               815
```

<210> 1732
<211> 622
<212> DNA
<213> Fusarium venenatum

<400> 1732
```
ctcacacctg ttggacgcga ctcgacgtca ggctacgaat gtatcaagtt tgtctcgtgc     50
cttgaactac accaagaagc actcatgcat gcacgcacga acatcaatat tccacatgtg    120
tgtgtgtgtg gctgtaatct aactaggtga tctctcctgc ttttgggcat cttgtcgaca    180
atcgattaac tcgtatccca ctttatccca ttattccaaa cctccaactg catgttatat    240
aacctagccg cctcgcgcat gagcagcaga tcaattcaac atatttaatc tctatattga    300
ctgtcatctt tcttctgcta ttcatttgat cttccttcat tgccatcatc atcatcgaca    360
tggcatctcc cgaccccgtg gttatccccg gcgaggttcg gttaatcctg cagaagtat     420
caaccgacgc gtcaacgttc gtcctccaac ctacaccttc ctcagatccc aatgagccgt    480
tgaattggtc ctcttggcgc aaatgtctca acttcggctt cactatcgcc gttacggtgg    540
cccgctttca ccaacctttc catccaaacc gcttttggca gcagatgact ggtgatatgg    600
gcgttactat cacacagctt ac                                            622
```

<210> 1733
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1733
```
actcagtcac tcgcttcaac atctacaaca acctttcact ccaccttcaa aacaacaacc     60
gcaaacatgc agttctctct tgccttcctc gccgctgtcc tctcagccac cagcgtctcc    120
gctgccccca ctgagcccgc tgtcaacatg atggccgcca ctccccagtg gactattgag    180
agcatgcagc gcagctgtgc caaggacgac agctcctgca cctggaactt caaggtcaac    240
acccacaagg gcgctgccac cgcctgcaag tttgtcgtca agggcagcaa ggcctctcag    300
cgcaacggcg gccccgtcaa gtgcggtgac tacactgtca cctctggctg gagcggccag    360
ttcggtcctg gaaacggatt cactactttc tctgttgttt cttccaagcg acagattgtc    420
tggcctgcct ataccgataa gcaggttcag ggaggaaagg ttgttaagcc tgaccagtct    480
tacacccctg ccaaccttcc aagtaagctg ggggacatc gattattgag tgtcggggtg     540
gacacttgta catagagcgt ctacatgtga agacgcggta atgcataatg ttttagaata    600
catatacgaa gaggcttttt ttn                                            623
```

<210> 1734
<211> 693
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(693)
<223> n = A,T,C or G

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<400> 1734

```
cctatttcaa catcgtctca tatcgcaagc atcttccttc cttatcatat cctcaaaang     60
gcttccaaaa ttcacaacgt gacagagttt tcatacgtta ctctcaagca aggcataaac    120
gtnttgacg aatccgccgc cgccaagact tatcaaaatg tcatcgacac agcgctaaga    180
caaccaggtg cacgaagagt ctacaccagt cttgaggttg aanacccttc caagttgtgg    240
ttgttcttgg actgggatac tcttgaggat catttgaatt atcccaagag cgctgatcat    300
gcccctatca tagaatctct ccaacctctg gccgattttg aaaattctat gaacaagcac    360
gtcaccctca accccttccc cccagaggac gtcctcgata gcgctagttc cccggtgaca    420
gaggtcctcg ttgctttctt tccttcagac tactccatct cagctcgggc ctccgcaaca    480
cgttgtgtgg aacaattcgc cgctcaagct ctcaaggcat taccagactg gcggggcatt    540
agctacggct ggagtgtaga gaacgatgtg cctatccgtg gtgatgaagg taattcaggt    600
gccatgcttg ttgcgtttat tggatggccg agtctggaaa ctcatcagaa tttcgtgaga    660
cggatgattt taagcagaat attggtttgt tga                                  693
```

<210> 1735
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1735

```
gaacgggctg atccgccgag gcaacataga ggtatgttca caggggtttg ggagttgtaa     60
actcggtaat gatccctccg ctggttcacc aacggagacc ttgttacgac ttttacttcc    120
tctaaatgac cgagtttgga gagctttccg gccctgagcg gtagttgccc accactctgg    180
gccagtccgg acgcctcact gagccattca atcggtagta gcgacgggcg gtgtgtacaa    240
agggcaggga cgtaatcaac gcaagctgat gacttgcgct tactagggat tcctcgttga    300
agagcaataa ttgcaatgct ctatccccag cacgacggag tttaacaaga ttacccggac    360
ctttcggaca aggaagtact cgctggctcc gtcagtgtag cgcgcgtgcg cccagaaca     420
tctaagggca tacagacctg ttattgcctc aacttncatc ggcttgaccg atagtccctn    480
taagaagcca gcgtactgcc aaagcaatac nggctattta gcangttaag ggctcgttcg    540
ttatcgcaat taagcagaca aatcactccc caacttaana acggncatgc ccan          594
```

<210> 1736
<211> 1026
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1026)
<223> n = A,T,C or G

<400> 1736

```
tgatcgccgt gccaaggtcg aattttggtt gccctgtgg ttctatctct ggctttggtt      60
gaacttcttc atggtgttc ctcgcagttg gaagttcact cagcttaac actcggagga    120
acagacattg gcgaaagcag tcccaggagc aacaaacac cggttcaagg ctggtgcttt    180
ctgtcttgtt gtcgatggc tcactattgt cttctccctt tatcattcga ttaagcacta    240
caaacctgc cacgcggtg tcttcaatcg agctgtgggc tcccttcgat atgtgccctt    300
ccgtttctgg cttattctgc ccttgtcagc agcaactatc gcatatcagg gcttcatttc    360
atggagttc aagtattcna ttgtcaagta caatggaaac attcctgtga tctattgctg    420
gggcttccta ccagccctcc tgatcctctt tgtccagtac ttctatggcc ttttcacgcc    480
taacgaagat aaggagcttg tccgactaag acgtgagcgc ggtgagatgc tcgaccgtga    540
agctcggact tgtcaataag cctgcctggt ggaaacgtgt tagggcgac catctgctca    600
ccttcaagga taagctcacc cgtaacgtcc acgagattgg tggcggtcgc gccaccggcc    660
gacgtatcga gggtgatgcg gagcgagacc tgcgagaaga agccttggct tctgccagaa    720
```

```
acgacgacgg ttatgagatg ggtcacatgc atcgccctct ggacgctgcc aacaaccctc      780
gagtggatcg tgccggtgct gcgtccatct cctccaatgc atcacgggcg tcatacgtcc      840
aaccctacac cggtaagaac gatcgtcgtc gacatgagcg taacatgcaa gctgccggcc      900
agtatcntct ttcctaacaa cctcgccgag gagcgcaccg tcgtgaagct caacttggcc      960
ttgaagggtc ccgcgccncc tccntaatac cgatggtctg gggtagaagc cganctctgg     1020
ggcgac                                                               1026


<210> 1737
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G


<400> 1737
tgattgcatc cccggtctac aatctcagca tatactacaa gtcctgcctt ctaaaccaac       60
gttagacgct ctgatagaat ctttctttag tgatatcaac catcactata gtataataaa      120
cccatccttg ttcatacagc aatatgtcga ctggtctaca aaaacagagc aagagcagta      180
ccaagatgct cagctgacaa cgctcatttt gatgatttgc gcgtgtgtta cacagcagct      240
cccgcagggt aatgcaaccc aactatccga gagcttgtcc acggactatc atagcgctgg      300
tcaaaggctt gccatgacaa catccgctgg gctgtacagt ttgacaaatc ttcagtggaa      360
ggtgctctca atctgttggt tccagggtga agccaggttt attgaggcat ggcacacaat      420
cgggttggcg atccaagaag catacgaact aggtttccat caagcccggn cttgcacagc      480
agagtcgaga acagaggcac agattggacg tcagatctgg cggacattgc attgctggaa      540
ctggcaattg nncctgactc tgggacgtcc gatgataatg aacgatatcg actcanaacc      600
tggtgtggaa gtcaatctgg cgaacgtccc accttccccg acnt                      644


<210> 1738
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G


<400> 1738
atcccgacca gcctctacac caatgtcacc cgaaccgcag ccctccgctc ccgcgcaggc       50
tgaagcagcc cagcaagaag tngagcaaca acaacaagaa cccccgcga gccctcccct      120
ccctcagcgc cacacagccg tatcccccgg tccccgcgca gcgcgtctac aagaactcta      180
tgcgcgatcg ctgaaaaaga cgctgggaaa ggccagctgg cagaatgtcg cggggtgcta      240
ccctactatt gcgaaaaagg cggaaggtgt gctaggcag gtgcagggac agatggttga      300
taagttgggc gagaagtgcg agaaagattt gagaatatca tggtttcgag acaggttatt      360
cccaaactga atgatctcaa antcttatta gtgatgcatc acggcgacaa cggaatcgac      420
aaagaacat cacaccaccc atatgctccc tccaccacta tctcgctgcc atctcacact      480
anactcacag ccnaatcgc acttaatgcc gcctacaaca anacaatcca aaacgctt       540
gttnacaaat tcaccacaan aaaanaaata aacctctgat nttgga                   586


<210> 1739
<211> 491
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(491)
```

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<223> n = A,T,C or G

<400> 1739
tgcanacnaa gctgntcata acgagatatc tgctttgntc atctgcatat aaaaagctgg   60
ttagcaaaag ttncgaatat tattcctgca agtagctgta gtanacgtct ccanagtgat   120
actacaacaa cggctgcnaa caacgcttag ataatactcg cgttacccca aaacttctca   180
atctggcntt cgattttatt agttgcgntc attgtntata tgagctgacg aanaggcctc   240
tattacaaag atggcttaca acgatgactc cgtactggcg cgactttcat cgctgaatga   300
nagccatgac agnatcgctc tgntgcacaa tgggatcatg tttcataggg cgacatgcan   360
agcgaacccg tgcaactntg ggtgnagagc cttaaagact cgtccagcac aaanagactg   420
acttgattta tctcgccacc gagggggtt aacagtccaa aatcngncca agggtgactt   480
cattattgtt t   491

<210> 1740
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 1740
gctgccggag tttcttcctc atcccactcg ttgtcattct ttagaggttt ccagtcgctc   60
attacttgct cctctccaca tcaacgtcga gatgaagtct aacgctgtta ttgccgttct   120
tttctcactc agtggttctg ggttttttgc tggcccttgc aaacctgtaa cttcacaggc   180
cactcaggtt acgtctgcaa ccacggagga gtccactttc attgacttga ctaccactat   240
cacggcatct gagaacaccg ccgaatccct cattccctct accaccgatg tgggctcgga   300
gaccaccgtg gattctactg tcgagttaac cacaaccact gcgattgccg aaaccacgtc   360
caaggataca gatgcaacca ctacaacctc tgagcccgtc nacgactaca caagccccc   420
ttcaatgccc tactccagac acttgcaaca atctaagctt cgactgggcc tactttagca   480
accctgctca gaacaccgat accacatact ccaactttgt tcctcagtcc ttccagcaag   540
aaaatcctat ttcggtcggc accaccagta ggatcggtgg antataccaa aattggaatg   600
gcgcncaggc tntctcg   617

<210> 1741
<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 1741
gagtcgacag tcatgacgat tcgaaatgtt ggattcaagt ggaggcctgg acagcatgtt   60
ttgatctggt cgcctacttt tcgatgggag acgccgcatc cgtttactat tacgaatatt   120
cctgaccac aaacgagaac gcaggatgtt caattgacga tcaagacaaa gacgggtttg   180
acgagagatt tgaacgattg ggcgagaaga acggattga gagggatag tggaagtttg   240
cgcgtgatgg tgacaggacc ttttgggcg gtaccgaatt ggaagcagca tgagaatata   300
gtttgtgtcg cagcatctac tggaggatca tttacgacgc caattctcga agatctactc   360
tggtctcaat cccctggttg tatccgtacc atcagcgctt tgtacatcgt ccgtcgcaaa   420
gtccagcgcc aagttacct cgacgtata accgtctac tctcgcgcgc caaaganatg   480
ggtatctcaa ccaagattca agtccagtaa ccagaagtcc agcctgtnt ccgaagcagt   540
tctccagatg aaagccgcga gagatt   566

<210> 1742
<211> 646

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 1742
aacaacaacg aggacgttcc tcatctccag cgaaccgaga ttgtcgntct cttcaacacg   60
tacgctcgta tcagcagttc tcttcacaac attggtgaat tccgtcaaat gatggaagcc   120
aaggctgana aggaaaagct tgctgaaaaa cttgccgagg agaagcagcg tatcgatgct   180
gagagggaaa agcatgcaaa agaactcgag gctcgccaaa nggaggagca acgtatcaag   240
gctgagaagg caaagcgcga tgaggaacgc aagaaggaaa agactcctga ccaaaagttg   300
ggcgacaagt ttgaggaggt cagagaagag gacagactac gcgcaaagct tgaacccgag   360
gttgcaaaga atgaccagat ggacgatgcc atgagggagt ttattcggct tcccgctaga   420
ggtcccgagg aggagtccat gatgggtcac ctcaagcatg aactcnccag ttcaatggcg   480
ttttgcgcgt tatcctcaat gggngggccc cnccccaaga atgctatgga cnattattaa   540
atatgaagct cgcgtgcatt ccgaactacg tcggtcttcc cgtggtccac naatttggga   600
agttttggat tgnccaacat caccgcggac anggatgaac tngtan   646

<210> 1743
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 1743
cacgaggagg ttgatgtgga tgccttgata ttggagccgg ctggactcta ctttgggaat   60
atgtattgaa cctactgcca gcacttccga ccccatccaa accttttctc acttctattg   120
ttattcttat tcaaatgtga attcatccct cttcattcac gaaccaactc aatcactcat   180
cctcacaact accacaacct ccacaacatc aacaatggcc tcttatacac acagccgaag   240
tgcggtgaga gctcagcgac ganactcgtc atcatcctca tcttcacaca caatgtccaa   300
ccgctcaaga ccacgccttc tacgctcaag tgcaactgag ccttcaatca ctgtctccna   360
tgctactggg aaactcattt gctggtcccg antcgccaca tanancaact gatcttctca   420
accgtgttgc cgtctattct ccgtctcccg agcaagcctc cnccccaagc ggnaatccca   480
cnccntgctg gaaccatgtn tntctgccgt gatnnccggg agcactctcc tttccancag   540
ccctgngaaa ccaatccgcc gtcatgttcg a   571

<210> 1744
<211> 1341
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1341)
<223> n = A,T,C or G

<400> 1744
ctctcccccc tcctaccagg ccagtttagu aaaaaccacc caaagctctc cctcttacaa   60
ggtcatgcga ccgtagacca ctcttcgtcg ccctcaattt atattaacgc cccggacgga   120
aggcgattag cccaaggcga cgaccaaaga tgtcggttgt cacaaagaac ccttttgcct   180
acctcggcaa cgacagtgac ggcgaggaga agcccgtcgt tcctgtcaag accgttgaca   240
agaacaatgc tcgcactact aagcgcaatg tcgagcccct agctcccgtt aaggccgctg   300
gtgctggagg aaaccgccgt ggccccggtg gtaacgaggg tgctttccag gaccgtggtg   360

```
ctggtagccg acgcaaccag aaccgatcca ctgaggagac tccccgtgat ggccccgag    420
gcggtgctgg tgcccgtagc cgtggtggac gtggcgctag acgcgcccac gagcgcgatg    480
accgacacac ctctaagttc ggtggacacg gtggctccga aaaacaggct gcccagtcct    540
ggggtgctac cgaaggccag gctganctta aggacaagca ggccggcgaa ctatcgctaa    600
ggacaagcan aaggaccccg ctgctgaaga gctgctgccg ctgaaggccg ccgccgagga    660
agaggccgaa aaacaggtct cctacgaaga atacctcacc cancaggntg anaaaaaggc    720
cgctctcaag tctggcctca aggtccgtga ggccaacaag gcacaagctc gacaaaaatg    780
ggccgacgcc aacccctcga aaacnaggag gaggagtact ttnccgccac tggaggcaag    840
gcccagcgtc agcgaagaag cgcaaggtca agcagaccgt cgacttcgac ccccgtttcg    900
tcgagcccga gcgcacccgt ggtggtgctc gcggaagccg tggcggccga ngtggtcgtg    960
gtggagaccg tggtggagac cgtggccgtg gangtaaccg cggcggccgt ggcggtgctc   1020
ctcaggganc tgctaagggc aacgctgcta tcaacaccaa cgaccagtct gctttcccca   1080
gcctcggcgg caactagatt gcccaacgcc tgcccgtctc tcacagancg cgcccataaa   1140
tccccttgcc tgctacacca tgcactcgcg gggtcaacgc tgaatgtcca aacgcctccc   1200
ctttttcctt ttttactcg tcacgatata aaaagggaa aagatgccat attcgttgtt   1260
ttcgacaggt tgaaatgaaa aaaattaatt gaaaaaaaaa aaaaaaaaaa attcccctgc   1320
gtccganata tcaacatatt t                                           1341
```

<210> 1745
<211> 457
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 1745
```
cgatcagtgt cagatgttga gatccgccgg tacgaggctt tngctcagca gatgaagaac     60
gctggccctg gcgctttctt caagttccct gaggctggtg ccgaggccgc tggtggcgac    120
gccggcaact ctttnggtga tgctggcaat gatgatgatc tctacgacta aggacagcna    180
cgactgtatg gacatgagtc ctttgtactc taataatttc tctcgtacat ctccgnatca    240
gcgtgcgacc ggtcagtgaa atggatttat cccaacactt tggtcgatat tgaaatanga    300
gttggtagaa tggtnnagga gagatggaca acaacctacc tgatcatgat gcttttgaag    360
atcangagga aatgattgtg gtcactaggt gacgtaaaga cagactttgn gctttgntag    420
atgacaaatt gattncctta ctttnaaaaa aaaaaaa                            457
```

<210> 1746
<211> 566
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 1746
```
cccttatcc cagtgacatc caccagaac nggggaccgt ctgggacaac cactaacaca      50
acggcaggca ataagccaaa agttgtgaga aaggctccta ctcccacttn cactcccgct    100
ccgctccag ctccagctcc agccaaaaaa gccaagcaac ctgcgcttga agtaaaacgc    130
acaactcctc ccagaggcag agaccgtcg caaacaaga caacagccg aagaccatcg    240
tcacaacagc aacaacctca gtcgccaggg gcttataatc aacgtttccc aagaaactct    300
gcaccggtg gncttgaccg gcttatgcga ccttcgcagt cacgttctca tgcagcatca    360
gcgccaccac ttcccaacgg gcagtttacc ctgyagttac cctacgagtt nctactncga    420
accggccgag gcctgtgtca gatgttggcg cgccggcacc tnctttggct tccttggctc    480
ctcgancttc gtcgagtacg gncatacagt catttgttgt acaaggaaag ctatagtggg    540
tactgggnat tcgatnaaaa cgttca                                        566
```

<210> 1747
<211> 948
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(948)
<223> n = A,T,C or G

<400> 1747
```
tctttataca acaaccatac actatctact attactacct actatctata tcaatactac      60
ctactaccta cctacttgga cgacacacat caaaatgcct tcaaagctac tctcaaacaa     120
gccaaacaag accatctaca tcgatagcat cgccaacctc tcagaccctc tctcctccat     180
gtcatctacc ttctctctcg tctctctctt gaccatggcc taccacgtcc gaacaccaca     240
acctgccagt caagaacggc ttctcacact cctaaacaca atgtcgccag ccctcagaac     300
acatgcggac ccaagatact cgcgcgagga ggtctcaact ccttcgtcca cttctcagcc     360
ccgtcctcaa cggcatggca ggcatgttag agctcctcgc aaacgtcgat gccttctcgc     420
gtccagaaga tttccgtcag ttttggagcc tcgagcaaag caacctcatc agagactttg     480
tagagagtgg gggacccttg cgggggatgc agggctacga cgtccccttt ctcgagactt     540
ttgtcaaagg actcgtcgtg caggatcgct cttcggaagc aaccagggca tgcttctgct     600
agtccctgcc gatgccgagg tcggcgacaa tgtgtggtgg gacgaggatg aacagcgtct     660
tactgtcana aagggtgttg aagatctcaa cacaaacgcc gaagcatacc ttgacaatgg     720
ttcaaggata accgccatgg ctatctcttc tgccacttga aaacgttttt tttctcatca     780
tgacttgacg aatttttctac ttacggacac ttttttttttt tgggaaatga agatgggact     840
ccgatttgat atccccagcg ggattttttct ctctctttt tttttncttt ctctattggg     900
aactggattt gcagcagagg ctactgggct tactggaagt acaatggc               948
```

<210> 1748
<211> 601
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 1748
```
atggagactc cctttactgt caaggctcag ccaggaactg atatctggaa gcagcctcct      60
tctacagacg tcttcacagc tcccttccgc cctcactcca tcgccccct aaagcacttc     120
gtctcagcaa caatcacctt ccgtaccacc tacgttcacc aatacgacca agcctgtctt     180
ctcctcacct tcaccaagcc tgccagcaca ggtgcccca ggaagtggat taagacgggc     240
atcgagctgt acaatgagca cccccgctac tcaactgtaa catgtgactc atgggccgac     300
tggagcgtcg aggcggtcgg acccaatgat gtagctggtg tcaagagtgg tgagaagacg     360
ttactattaa ggcgatgaag gtgaaggatg cactgggtgt ctgtctctgg atctacaggg     420
ttgacgagaa cggagaaaag acccgttgag acagacaaac tgggtgtacg gcgatnaagg     480
tggcgaagga tgggactcg aggtctcacc gctgtggcta gaccagacct tacaagaaca     540
tcgaggaaca tcttgaagct acttcgaca agctggaagg tcaatgggaa aaacctacag     600
c                                                                     601
```

<210> 1749
<211> 529
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 1749

```
tccaatatca ccttcctctg gggcagccta attaatcagg agaaagcccc gtaaaatcag      60
gtacaggtac aggcgttcct gtcttttttc ctcccgcaat cacctcttct cctaatcaaa     120
ggctttgcac gctcgatata tatccttcat attcatcact tatcacgatg gttgacaaca     180
ccaaatctta cacgatcggc ccactggagc acacacccct cgatgagatc aatgccaagg     240
ttgatctcgt gaggaagaca ttcatgtcag gccgcaccaa agatattgaa tttcgcatgc     300
gccagatccg aaagctttac tgggccatcg tcgacaacac tgagctcatg caagatgctc     360
ttctnaagga cctttggcaa atgcaagtac caagccgttc tggccgagat cgattggtgc     420
aagcaagaat gcattgatat gaccaacaac atggagaant ggctgccgaa gagcctgttn     480
ccnatggttc ccttcaggtt cgcttatgaa gcatngcacc cgctttgag                 529
```

<210> 1750
<211> 536
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 1750

```
ggacaatttt ggaagtcgga caagggagaa gaacatcatt tcagagacgg gctggccaac      60
tggtggtgga acccactgng gcggtaccgc aacttcttgt accaagggtt cagtcgntgg     120
cgttgatgaa ctgaacacct tcatggagga ctgggtttgn caggccctca agaatgggac     180
caactacttt tggtttgagg cattcgacga gccctggaag gagaggtcaa cgaaaagggc     240
aaggagtggg aggacaagtg gggcctcttg actattgatc gcgatctcaa aaagggagtc     300
aagattcctg actgcgacgg caagacgctc aangattaca gcgccttttc ctaaacnacc     360
agagacgcaa ttntacgaca ttntcagcca cgatgcatnc ttcagtcgat accagcttac     420
gangataagg gtatgcattg gatatagcca atagccgact cttggacact cagtatttaa     480
tggctttntt tctttctttt cctnatggaa ccngagttaa ggagtgccag gaaaac         536
```

<210> 1751
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1751

```
cttatcaata catcatcacg aaaacaatct tgattcgtta tggacgaaga aaacagcctt      60
ctcagaagag tcatgttgcc aatccaggct cgccgtagtc gacctaccat gacactgatc     120
gtcatggcta ttgtgacata taccttttgg atatggcaac ccttcaggcc tctcatagac     180
aacaaccttg ggttcacgtc ccaaacgaca atttcactcc ccgatagtct cgtacctttg     240
gaacnctttc atgantaatg cccgatgcaa aggatgctct cnaactattg gtgctgcctg     300
ttatgcagcg cgtccatgac aaggtcaact ttactctatc ttatattggc cggccaaccg     360
ccaacgatgg cgtcgactgc atgcacggcc cttcggaatg catgggcaat atcattgaac     420
tttgcgcccg cgagctttac cccgacccta agataaatct gggttttatt atgtgcctga     480
nccgtgacta ccgcgatatc cccggacgat cccttgtcga anantgcgcc ctcnaaatct     540
gccatcgatt tccagcaact gaacnaatgt tctgtnaang aagatggag                 589
```

<210> 1752
<211> 431
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 1752
ggctggccgg tccgcctcac cgcgtgtact ggtccggccg ggcctttccc tctgtggaac   60
cccatgccct tcactgggcg tggcggggaa acaggacttt tactgtgaaa aaattagagt   120
gctccaggca ggcctatgct cgaatacatt agcatggaat aatagaatag gacgtgtggt   180
tctattttgt tggtttctag gaccgccgta atgattaata gggacagtcg ggggcatcag   240
tattcaattg tcagaggtga aattcttgga tttattgaag actaactact gcgaaagcat   300
ttgccaagga tgtttttcatt aatcaggaac gaagctccgt gatggccaga tatttcctca   360
tcaaatccga acgagaggat gattgtgcgt cgcggcttga atcctgaatc tatcagagcc   420
tctaccgctn a   431

<210> 1753
<211> 358
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 1753
cgtgctcaca aagcagagca agacccttat cgcagtaatc tccggaatta ccgccctgat   60
gctttcagca accaaaccct tggtatttct ggtacttgca ctctcctgta cgcggaagaa   120
ggagacccgt tcaaaatcac catcgaggaa tctggcgtga agactactgc gtctttgaca   180
acctatttac cggaaatacc cgatgatatt cctttcgacc gcactgatct caccttttaaa   240
attatcatgc aatctcgaac actgntggac tcgctcgcan aaatttctcc aacagctcct   300
ttgaagttga cagnttcagc cnccaaagct cacctttttct atncttggtg gtataaga   358

<210> 1754
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1754
tggaagacca acccgtgagg ggtttgtttc gtaaggaggc atgtctcaat gttgatttca   50
agcatggcgt tcaaaggatg aacactggga gctactacta gtattaatgt cattcttaca   120
gaaatcattt ctgcctgtca ttgtcgcaat atacccattc cctttctatt tcaacgccgg   180
atgtccttta cctgtattgt atcttttgct gccagaaccg ccctatgcct ttttgacgcc   240
aagaatttcc tcccactcat gtcgcatgtc ttccattctc ttccatgatt cagcacccaa   300
ttcttcaaac cigatgatat cttccttggt cacgtcaaca gctcccctt tacgccaac   360
cgtctttttg aaaacaccaa cagcggtatc ggcatttaga gccgccgcat cctcaacctt   420
gccctcccag ccccatcctt caacttctgt cttcttaact tcaacttgca tgtgacggtt   480
tgagctactg ccccacttga tgcgctcagc gtccaattcg tcaagcgcan attgttcctg   540
tagggcaatc cagananaggcg anttgggcac cngtatagct gtctgt   586

<210> 1755
<211> 1146
<212> DNA
<213> Fusarium venenatum

- 682 -

<220>
<221> misc_feature
<222> (1)...(1146)
<223> n = A,T,C or G

<400> 1755
gnttatnctc agacccacat cgcgaccaca ctggtggact nacagcacat ccggcagacc   60
agtcttgtca tccaaagatc tccancgagc agagaanggg actgtggatg ggacttagca   120
nagatggcca tctagccgta ctnacaaact atcgagaaac cnacatcaag gatcaaaatc   180
atcctattca tgccgccaaa agccgcggtg gtatgntcac ngcttggctg ggaacaccac   240
ctgangagag tctcaaagac agcgtccaca aactggtcna gaacgactgn gtnaagaggt   300
gttggaggat tcttcatggt tngcggcaag ttgagaaaaa atacttacgg tattgccatc   360
gttagcatcn gagcatgcaa cgtcnatatg tgcccattat tgccaaanan cgaggcgaga   420
tgtggggttt gagtaacacg gnctttgatg caacagtcaa ggaagatgaa tgggccanga   480
tcttcattgg aaagaaactc ttccgggaga gccattgaca gttccgtatc cgacaagtcg   540
agtcaagagg agttgatttc caacctggtt ggacgtactt acccacgaca cactaccgag   600
gaacgaaaac gcaagcctgg tcgaatatat caacgagctt aagaaaagcg tatttattcc   660
attgatcggc gacgaaaagc atcggaaagc aatggaggcg gccatggcga aaggacccgg   720
cgagtgggcg acagacgatc aaaaagcagc tgaggagctc atgtcggaag gacgaccgga   780
tccaagcata acacccatca tgggcttcga gacgggcatg tatggtacgc agcgtcagac   840
ggtagtgttg gtagattggg agggtaaagt caccatggtc gagagggcgc tttgggatgg   900
taatggcaat gctgtgccta aaggagaggg agacttgaag tttgaattct ccatcaatgg   960
atggaatgat gaattttgta atggagtaaa tggggagagt aatggacatt tttaatgatg   1020
ctgaacaggc atggctggcc cgcaagaagc ataaaanaca aaatctgtag gccagtttat   1080
ctctttaaac taagttatgt cagggactca ctgtcactgc taccctaana aataggaggc   1140
cgtgcc   1146

<210> 1756
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 1756
cagttcacgc agaagaagca gaaggctgaa gaaatcgctt ccgataagaa ggccaacatt   60
gccatgacca aggaggacag cattttccct aacatcgacc tccctggtgg catcagcacc   120
aaggccaccg agtacaagga gcttgcccgc aagggcgaca agtgggagag ccctgtcttc   180
tccatcggtt ctgctaagaa gagtaccgat atccctgccg tccccaagat ccagcgcaag   240
gctcaccccg tatccaaccl cggtcctaag gacaccaacg ctgactacga cttttaccct   300
gctggcaacg gacaccagca cactggtaat ggcgccatga cggcaatgg ctaccacgtc   360
ggtcacggag acggtctgaa cggtggcgtt aacaagcaag caccttgctg gcaatggcct   420
caacaacggg cagatcccac gggacaggtc ctatggctgg acagaaccat gaacactgnt   480
tanaacccctt gtgacgagga tgccaactag cccaggaaaa taatggtgga ggattggtgg   540
atgttatacc catgcccctg ccttgagtgg ctttatctct ttggttttga aaccacactt   600
gggaagcanc nctggcggna aaagaacaa   629

<210> 1757
<211> 538
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

<400> 1757

```
gcagtgaacg ttccgttgac gtatatacac ctgaggttgg cgtcgttata gacgccagtg      60
ttgacaccaa cgcctgggtt gtcaagctgg cagatcctct agtcagaaag ataaagtggc     120
agaacgttcg tggtctaggc attgtcacta ttacaggaca gcttcttgcc acacatctca     180
acgaagctgc agcagccgat gaggacatcg ccaacaagcg acaaaagacc gaagagcccc     240
cctcatcgac taccctaacc aacacggcgg cagccatncc ctcggccaca cctgtcctcg     300
atgttctccc cgcgaacctt atttctgctg tacgctcagc agcccaacca ctacacgttg     360
gtgacctcgc ctggccgatc tgcgtcgcgc catgcantcc gccggccaca cggcggagtt     420
ccgtggtgag ggcacactgg tcgttgacng nactgtcgcc ggtcgcaaga ngtctgcagg     480
tcgtgtcgaa nttgaanagt gtgggcatgc cgaccgctcg gcgaagtacc ttctatga      538
```

<210> 1758
<211> 436
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 1758

```
ggccaggctc agggtccttc cttcttcgag gaggccatag gtggctctcc ctttccgcaa      60
gaaatacctt tcgccctcat gcaacctccc cattataact ccacgccaag tatggtcaac     120
ggctttccac cctcagctgc tatagtgcca agctgcgagg ccgaacaaaa gtccgcttgc     180
caactccggt cccgagacac gcatcagctg agcataaaca cttccgacga agcaaacggt     240
caagctatca tagtaagatc tcccaagccg aagagacgcg gccgtaagcc caagggagcc     300
tccaaagatt cagcaaatct cggacgacat agtgctcgat gaaacgacct cccnagggac     360
cccnggcgtc gtngaantct tggagcgcaa cagaataggn tgntaccaaa ggtggctccg     420
aagcgggatg aagcat                                                    436
```

<210> 1759
<211> 659
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 1759

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gaaacatagc cttgaaatca tgccaggcat ctcgacattt accaatggct tccgtcaccc      60
gttcatcgcg gcgcgctgaa gttccgcatc agcatcatca tcactcgcac caccacctgc     120
catccccaac aagcgtattt gcccacaccc agngcggagg agcaccangg gcaaggcgca     180
acaaganggc actcgatgca cacgatngcg actttgatgc gattaagccc aagaaatcgc     240
gtataacagt cgaagttcct gcaaagggnt cccacagact tcgtgtcgcc aacatcgaca     300
acaaagagg catcgtcgcc ccgcgcgcca aaccactgcg acgcctacag ttggcgaatg     360
ttgacgacgc ccaaagatac cttctccccc gaacgacaac gcgaaatcga cgcaaaagca     420
aggacaagac ccttacaac aacaccaaag caggtcatt aatgggctaa aacacgaact     480
ccaccggata aaaacctcaa nccaagcgat accaacacaa nagaacaang gccggaanct     540
ncctctcaag ggaagcanca aggtttaaga ncgagctttt ggccaanttc ccggattaca     600
ataaggtaat tgnaaacaag cccaaagaan aanaaatggt taattgcgna aacccgatn      659
```

<210> 1760
<211> 299
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 1760
agaccctgac agcagcggac aaggacgcga ttgcttcggc catcaacgac cttgacggtg   60
cacaactcga tcgtgccatc gatatcatca agcgagacac aggccagaac gagaacactg   120
acggagagct ggagctggat attgaccanc ttancaatga ggcattgctc aagctgtggg   180
aactgtgtat gaaggtgctc ccnngatttg gtaaggactc taacgtacca tcttctcctg   240
aagcatcccg agcggcgcct cccaagcatt ccaagtcntc gtcgacntcn gcaaagccc   299

<210> 1761
<211> 1071
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1071)
<223> n = A,T,C or G

<400> 1761
gtgatatgcc accttacttt attgatttga ctttacctgg gactgtcaca gtttaatctg   60
aaacaaaact cgacctgact cgactcgact cgactcttgc aacgtcgtcg agtctttcta   120
ctccgctctg ttccctctgt tccgtcctcc tcctcccagt caaagtccct tttggcatgt   180
cccatcagag gtggcccgtt tcctttcccc atcctcgtat cctctctccc aacttagatc   240
tcgcctctct taccgatcca ggacttgtgc ctgtccatca gacactctct ccacctgcta   300
gtagtagtag gttcattggg gcgtaagatt ctcactctca ccctcacctt cactcatccc   360
atttgttgct ccttcgacac caaagtcctc tccaacctcc cttctttctg gactatttac   420
ttccgtcgt gcccatgata accgggttct cgtctcctct ctttcgtcac tttctttcat   480
aaacaccccc ttcttcacaa tgtcaacttt tcaaagaag ctcttagcag ccatcatcaa   540
gagcctcctt cgagggaaat cactagttca agtccctctt ggcttactgg agtagctcgt   600
tgggccatga tacatccggc aaatctcgag ttggtaacac accgcgcaag tctatccaag   660
aatttcttaa agaggccgaa gatctatttc tcgaccccgt cagccaagat ggtctccaac   720
aactatctcg caacatgcgg aagcaactcc tacaacgact tgagaccgac atggaatgta   780
tgctgccatc gtatagtcac cagttgccaa gaagcacaga agtcggccgt tttgtagctt   840
tggacgttgg cggttcgacc ctcagantac attggtggaa ctttgtggtc gcatgtccaa   900
tatcggggaa natctangat tgtcagcatg cgcaactttc gcatcactcc tgatatcaag   960
gctctanaag gaatggcttt ctttgactgg atggctgaaa aganactgga aactctttcn   1020
ggaaactaaa caacatggtg gatntgaang cctttgcct atntcaatgc a   1071

<210> 1762
<211> 535
<212> DNA
<213> Fusarium venenatum

<400> 1762
atcgcaatcg cagactcccc cgcgctcgtt caagcttacg ttccttactc aaaccgccaa   60
aatgaccgc ggtcagcaga ccatctctct cgccctcctc gtctcctcc tctaccttgc   120
ttcttcctt gagctcatc ttttactcc cctgatccag gagcagatcg tcccgtgct   180
tccttctgg gctctcgtgt cctttggcgc atacctcctc ttccgacttg gcttcggcat   240
cctcaccttc aacgacgttc ccgacgcgca caaggagctc acaactgaga ttgagcaggc   300
caaggttgag ctccgaaagc tcggcgtcac cgtcgactaa acgactaccc gaacgaacca   360
cgatttagat ggagggcaaa aaaggggat ttggatggat ggatgaatt tttggctctt   420
gagcctaat caaatttaat ctacgataat ctggtatctc gcggtgcga cctgggcaaa   480
aaagatcttc cttgacacca acgcgccttc aatgcattcg taaactttgg catct   535

<210> 1763
<211> 581
<212> DNA

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 1763
cagggcagtt ggttgctgtt agtgtttgcg tcagaaagca aagtgaagca aacggaactt   60
ggctcttggt ctttattata ctcaattgtt tctttcttat acttttttcta agtttggttt   120
gaatgaacag cgcctgcatc aatactttat tacttcaaaa attctttaat taattctttt   180
tcgcgctcac gtgtcgccga ttaaaagcag actcactgtg tctctgttgc accaagcacc   240
accaaaaaag atcggccctg ctgcgtacat cttcctcctc aaactccgtc tcttcttttc   300
ttcccgcgca caaacttccc atgaagcttc ctccgctgtc ttaagctttg ccctcagctt   360
tggagctgtt accaagaatt cgcaatggcg tcnacaatca cagaagctca ggcggagctt   420
attcgctctc ttgcccccga cganattccc atcaagctgc gatgcgcgat ctgtagtaaa   480
ctcgcggtca acgcttaccg tcttccctgc tgcgancaag caatctgtga atcatgccag   540
tccaatctac ccgcatcgtg ccctgtttgg gaanactcgc c   581

<210> 1764
<211> 835
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(835)
<223> n = A,T,C or G

<400> 1764
gaacaattcg tggccgcagg aattttttt ttttttttt tttttttcag gagagagata   60
gtagtattga atttactgag aaattgccag gaaagttggc ttattcctaa tcctagtctc   120
ttttttttt tcccttcctg ttcctttcaa ccgagcgata gctgaagccc tgcttgcttg   180
ctcactaact caaccgaccc ccccnttgna agattttttt tgggggnggt ngangnctgt   240
taattttcca ctttgtcctt ttctgggaag cacatttttt gcttttcccg tttaaatggt   300
atcctttgtt ttccgtgacg ttttgttgtt aagaaaaatt gcaatttgaa tcctgagtag   360
aaagatgatg atcgctgcgc tttgccccat aaacaaaaaa catattcatt cattcaatca   420
ttcacataat ttagtgaaga acgacatcat ggaagtcatg cttgtggtcg tcggcgtgct   480
cgccccagtg acaggtcca agcttgagaa tgcggtagct gttgttggag ttggagtttg   540
agctggtgtt ggactcgact gatgatcgtc gctcggtaga aggacgagtg tgggagcggg   600
cggcgggctt ctgagggtat gaaggagatg tagccggtgc gagtgagagg aaggatgact   660
tgggaggagg agtgagaggg aggaagtttt gaggaggaag gtcagacatt ttggtagagt   720
tgagttgagt tgagttgagt cgagagttgt tgtaagatga gttgatatgg ataagqtgat   780
agttgttgat gatgttgtgt tgaaagtgtt gatagataga gacagaagac aaaac   835

<210> 1765
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1765
ctcgactcct cctgcttcct ccctcacccc ccgtttcgtg ccccattccc cataatcgcg   60
cggctcgctc gtctacttct ccaggcccag tcgaaaaatc ttcctttttg aacttcttca   120
atgaggcctg tatattcatc ataactttgt ttgtgccctc tttcccccct catccctccc   180
cccgacatag tcccttatt acnttctcta ttctttttt gcgccctctc tcaagccgca   240

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```
ggctcggacg acgctcaacg accacaactg tccaaaaatc cacatcaatt gcattgcatc      300
ttcgcttgag caataaattg cttcgccaca gtcgttgcgg ctctacagct atttagaatc      360
acgacctgtt cacggctaag gcaggccttg ccttgccttc tctttgcacg agcatccttt      420
gnaataccgg cggtcctgga tttcttccgt cgcatcgcgc tctttcaatc cagcctcccg      480
gttctgtcga atacgctcga attaatgctc ttcgacgctt tcacgccngc atctcctcgc      540
tatcggtcga gggcgnccca acaacaacta ctaaactggt tttcaaacaa tttcatcttg      600
ggacttgnct ttttccgccn                                                  620
```

<210> 1766
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 1766
```
attactcaac cgtatggact gaagagaaaa tctattcgtc acaatggtgt tccagcatga       60
ctttctattt tcagtagcta tttctggaga gtacagcgac tttacactgg tttgtaacga      120
tcgtgaatac aagctgcatc aagtgattgt gtgcccacag tcatcggtaa tatcggctgc      180
tctctctggt ggatttcagg aagctacaac gaaaattctc actgtgaacg agttcgatat      240
cagtaccgtc caatacatga tagcgtttct ctatgcagga gagtaccaaa tccattctaa      300
aagggcgaaa aaatccactt ccgacgatgc acacaaccag gacgacacag atgaagcgtc      360
gcagtattct ataaacaac ctgaagatga aactgtcgat gatctgatct ctcatctacg      420
cgtcaacgca attgccgact actataatat tcaaaagttg gctcaactcg caacctcaaa      480
gattcaagcc atcctggaca aaggtcaaag cgccgaggta tttccacaaa ttattcaaga      540
agtgtcaact tcaaacagag atcctgacat cgactcaatt atcgcttcan cccgcggntg      600
cacatattga ggaactctgc gaggt                                            625
```

<210> 1767
<211> 466
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 1767
```
cgaggagtgc gttccttctc agtctgtgac tgctatcacc aaggagtaca ccaccgtcct       60
caccagcgtt gagtactcta ccatccaggt tccttgcgcc actggcacca accctgccac      120
tcctgagcag nctgagaacc ctgagaaccc ccagaaccct ggcgagcctg aggttcctgc      180
tcctactgga cctgctgttc ctcctcccgc taccaccccc atcggnggng gcaaccagac      240
catgcctact cctcccgctg cactgntggt gccgctacct ttgncggctc cgtttnttcg      300
ctgccgccgn tggtatcncc ctttcatcat ggtttaaact natccaattt cnaactccct      360
gttaggctgc tggctntgga acttnaagac tnttttnttt taaagntttt aatggaaaaa      420
ctcgactagg gcttgaaac cnccgtttct tggcgttttt ntttgn                      466
```

<210> 1768
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1768
ccctactccg ccacaagcgt cctccggggg ctctcttgtc ccgcctccac ctcagcggcc   60
cctctctgca ccactgtcag ctcagccaag cggtttcgcg cctcctccca tgatgcccca   120
gatgacaggt gccctgcagg gtcaagttgc tcttcctggg ccagaagcct gagtgatctt   180
acgcaagctc gcttgcaaca gcaatacacg gctcaaatgc agcaacagca acccttcaac   240
aaatgcagcc cagcatgact gggattccct ggacagcaag tcccggacag atgcctttcc   300
aaactggccc tggacaattt atgcaaccga tgatgacagg gatgcaggga cagaaccagt   360
tcatgccgat gcaagctcaa ccactggttt ccaacaatcg ttccctgcca cgcagtcgat   420
gtacggtgcc ctactggaag catcaacagc tatctgccgc ccgctcttga ancacagcga   480
actggcatgc ctggtttgct tcctcnagca actggaatgt caaaatgggt aacatgggcg   540
gcatgaaaaa agcgccaacc tccaacctct gca   573

<210> 1769
<211> 426
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 1769
tgatccccag ggcagggatc ctagagatat ccgagagcga gatccgcgag atgggcaatg   60
gggtcgcatg ggcgctgacc ccagctatcg agccctatg gatcatcaac gaccacatcc   120
cgactatcct ccttctgcca cgccttaccc tcctcatggt gtttacccag gtcctccacc   180
cgatcgatat cctccttcgt cgcattctat gccaggcccg ccaggccaaa ccatgcccca   240
tggacccgac cttatgactn tcccgaccga gcccgaatga gtttaatgta tgcacaaaac   300
aacaacaacc cgaccgaaac cggaanaagg gggccccccc ncggncatag nttanacgga   360
gctctggtcn ggacnacttg aatntcccga ccccgnatag ngtgatgcgt anccccaagg   420
ccaggt   426

<210> 1770
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 1770
caaaggttac accatcatca atcggtttcc atcgattcct atcctctcag cacacttttta   60
aaactgctcc atcgggtttc tcttgttata atcttctaga aagcacgtct ttcgcaacac   120
gaacaatgtc tcgcggcggc accacccttt acgtgaccgg cttcagccac ggtacccgcg   180
gtcgcgacct cgcctacgaa gttcgaacgg tatgtcaacc tcgcccacgc tcacgcccac   240
gatctcgtcc acgtccgcgt cctatcgttt tcgcgctcgc cttcgtctgt gtctgtgcca   300
tagcctaggg actctttcga tgcaatgcaa aggtctcctg cttggccatg atgcctcgtc   360
gtccatcgtc gtccttacgt cctcgtcctc ccgtttccgt tctcgctcgc gccacgctc   420
cagcactctc tcctccctg tctttccact ttcttcgaag ggantgctcg tctatcgcgc   480
agtcgttctt ctgctcgagc aaaccatgaa tgccgtcgc attcgtatcc aaaaggggggn   540
gtccgtcggc atttggctgc gttacaacgt gcttcatant atactgaaca atc   593

<210> 1771
<211> 611
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 1771
cttggaagga atcaaggcaa cgcatctcgc tcagaagaaa aaatcgaaag atcaaactcc   60
acaatcgaag aaacgaagtg ctactagtcc tgtcctacca gccagcaaca agcgcatgcg   120
aaatgggatt gcgacaactc caaagtccaa ctcagagaga acacctcgat cgtcgcctga   180
aaaaccaata ccttggagtc cgagtccgga acgcgatcag cccaagcagg cggcttctaa   240
aaagatagca actgatacga tcactcaatc gtcaatcgta cacgagactc caaagacagc   300
tggagggcca ggcctgcgac tgcgacaacg acacccaata ccgacgttcc aaaacccgcc   360
ttcatcagaa tccgaatatg acatggaaac gagaatccca gatgcccaac ctctcctcaa   420
tatctcaatt aaccaaaatg cggttcgttc caaccgagcc gtgccgtctc cgctctctac   480
aaacaaacca atggctacac caccatgcgc ccagccgagc aattccacac aaacatcagg   540
ccggatgca gttgttccaa gcaaaacatc tncggatacg aatcgacggg tagaaanggg   600
cacaagcccg g   611

<210> 1772
<211> 628
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1772
gattggtctg ggtcaatgag cccgaccagg acctcggcga tggacgcgtc gtcaacggaa   60
agtcaagact cttcagcata ggctatactt ctacagtcac cgaatgggat ctcgagacag   120
gacggcccaa nagacacgcc agcggccaac atggagacat ctggtgcatg gctgctcaac   180
ccggtggaag cnacaaaacc ggcctcggcg tcnattccca agactctacc aagcttgtcg   240
ccggaacaat tgatggcgag cttgtcatgt actcgattga ggacgacgac ctgcgatttc   300
agcgagttct gttgcgatcg cctaccaaga aggctcagat ggtcagcatc accttcagtc   360
acgcagagtc gccattgtcg gctgctccga tagcacgatt cgagcgtacg atgttacaaa   420
gggccacatg ttgcgcaaga tgacactggg cgctgaccat ganggtcgtg ctaaagatat   480
catcgtctgg tctgcaagtg tctacccaac ggnaacatng tcttgggcga atncacttgg   540
ccaagttttg ccttttggga tgggaagaca tntccccagc cccagcgaat tcagagtcnc   600
aagccgggtg ttnttantct ccaataag   628

<210> 1773
<211> 442
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 1773
ggacagaagg tgtcgccagc taacgatgcg agggagactg atgcgactga gaccgcggaa   60
tttgatgggt tggctggtcc aacattggcc tttggcttgg ggacgcgtgg ttgttttggc   120
agaagattag gctatcaaca gctgaaaacg tccattgcta tcttgatatg gaactttgag   180
ctattgcctt gtcctaagga actctctagc tatcgtacca tcgaaggtct gactagcatg   240
ccagaacatt cttacatcag gctggaaaag atcgatttga caacacccgg agtagactta   300
tatatcattc gaactggttt attcggcag ttttcttgac acatttncct ttgcacttaa   360
taacaattga gtatgaaaat tcagtttgaa tatatcaaca actaactctc aattgaccac   420
ngaacacttt gttttuttg gt   442

<210> 1774
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 1774
ccaagcctca aaagtcgcag tcaacagctc ccagcaagtc tgttgcctca cagggccagt   60
tcactcctcc catggagcct gctgatgagc tcttcttcaa caactcttac gacgaccgag   120
cccgctcaga cagccctcct caattcactt actcgactta tcccgctccc gacgagatcc   180
tccttcatcc ctacggctcc gcgcagcact accagccat cacaaccgct gatgcctacc   240
ccaactacat gacagcgtcc acagtgccca tgacactccc ttccatgaca catttcagcg   300
atgccatcaa gcgagagcca acatactcta gcgacgaagg actcgctccc tacatgacat   360
acggctacat gcccccgatg gacttcaact ctggtagccc atacgatcag aacctcatac   420
tcctccgctg tcgcattctt tcgaccactc gggcaactgc tcagaagctg gctacgacta   480
ccgaccacgc ctctgtcaat gcctagctcg ccaatatgat tcagcatcaa taaggcacta   540
ngcaggcatg attgtgagat gcagcgactt t   571

<210> 1775
<211> 622
<212> DNA
<213> Fusarium venenatum

<400> 1775
agaagtgggc tctcaaagag aagcttcctc agctgccagc ttcttcatgg attctgtaca   60
cattcgagaa cagggcaagt aacctgggtg ctggtggaat cacccagcag accactgcaa   120
tggcagagaa gttccgtcaa ctcagccagt ccgagatcga tgacctcacc gtcagaggcg   180
ccgccaaccg cgaaaagaac caggagaact acaaggcctg ggttgaggca cacgagcccg   240
cgcgcattca cctagccaac aagtctcgcc gtcgcctggc attcctgact ggcaagcctg   300
agaagcccat catcgatgaa cgcctgcccg agcgtccaaa gggctcatat gccatgttcg   360
tgacagagaa ccactcgcgc tttgccagcg ccggccgcca tgaggtgttc aagctgcttg   420
gtgaggagtg gaagcaaatc agcgcagctg agaaggctcg atacgaggag aaggctgcgg   480
agggcttcgc caagttcaag gctgagatgg acaagattga tgcccgagca gaagccatca   540
aggaggccgg tttgcccaac tagaggaact gaatgggata ctgcccacat gatgtagtat   600
tatgtataaa gcactatttt cc   622

<210> 1776
<211> 489
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1776
gcatcagcaa ccccgtgccc cagccagggt atcatcccca ggcgcaacag gccagccgaa   60
tctgccatct cgatccaaca gtacccgaga agctgtcttg ggctctcgcc ctcgcgccgg   120
ctgaatatt gcggcagag atgcccaaa ttcgccttc cttgagaca caccaacacc   180
ggcacctcct gctgattctg tgcggaaact cgatcagata atacagaatt tctacgcaaa   240
ggcggctgtg cttgttctcg actcacgtat taaatccaag cctgcacgcg cgctaacgg   300
cgcgcggaaa ccaataaat ggttccaaat cgagacagat gagattgacg attttagaga   360
tgaactcaag atctggaana aatgtggtag cctcgataac tccctcctcc aatggttatc   420
gaagtttatc ttgatgcctc tcgaataaag gnnagccgaa tctcgtcntg tcaataaaaa   480

<210> 1777
<211> 1015
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1015)
<223> n = A,T,C or G

<400> 1777
gaacggacgg ataatccctt cccatttgct ttgcttcgtt tcgctttttcc tccaacttct   60
cctccttgtt tctttctctt acctattatt ccccatcatc atcagaaaca acctcccctt   120
tttaggattg agcgtgcgtg tcttggcttt caagcacccc agactattcc ttaccgacaa   180
cacacttaaa gagctttgct gggcattctc tcgaccgcaa ccttttccca caaaaaaaaa   240
catcgttaac ccgcccaaca tgcgattctc aaccgccatt cttttcgctg gcaacgcctt   300
cgctgccgtc cagcaagagt gtctcgccaa ccacaacgag gacctcgctg cctttgccga   360
ctgtggcaac aagggtgccc tctttttttg cctcttcaac cttaaggaga ccggatgagg   420
gcgncctcaa gacctgctac acctccgctg gctgtgccga cgaggatgcc gcccgcgagg   480
ctcactacac cctcgagcga tgctcagagc ttcgcaaagg ccggcgagct aaagaagcgc   540
tacgaagctg ctatcatgcc gactctgatt nccgacgctg aggccgccgg caccatcacc   600
aanggccccg agcgtaccgg tggtgaactc aagaagcgtg ctactgacac ttcaagggga   660
acaaaatgct tcacaacttt caaaaagtcg actgagcagt gcgatctcga gaccgtttcg   720
gataagaccc agactggtac ctgctacagc acccgagatt aagcaccagc acatgcccgc   780
agcgatgtta tctgcaccac cgactcttcc ggtgaggaca tttgcatggt taagaaggga   840
aatggacact gccggtatca ttatcgccat tggctttgcc ggctttgccg ctggtatgct   900
cggcttcctt cctttcatgt gctgccgtga ccgcaaggna caaaaacgtt ttggtcgcca   960
gtccgaggct gttgcttttg ccgtgccgca caaagaacan cgcgcttgtt aacgt   1015

<210> 1778
<211> 544
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 1778
ngngggcctt ctngggacct agctcgtcca tnttgatggc tgcgttgagg acaatgagac   60
gagcagcgtc tatttcgatg cgggacttgg cgatccattc aataataaca ccgtgctcgc   120
ggaggagttt gccgaatggc ttcttggatt catcgttgac tcggaggagc atccantcac   180
ggtttctaaa gctctgcatg ccccgtcgtc ctgtcantcg ccgttcccgg gcgtcttgac   240
gtagagggac agggatgcat ggccacctcg gcttgtgcct tttcngacgt gttctnttgc   300
tctcgcaaca aacacaccga ggctcggctc cgattactct aggacgacgg gcatccactt   360
aggggagct ttngctnctg gnggctttttt ggaanantat ttattntatg ctgcacgttc   420
tgnggggggt aagaaccgta ttcanaacta cctttgntng cgtgcaccaa gacnagnttc   480
cggcaaancn tttgtttaan aaacatatng gttggcagnc nctcttaatc aaatatgtct   540
atat   544

<210> 1779
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

<222> (1)...(623)
<223> n = A,T,C or G

<400> 1779
cttcctcaac cgtgcagcgt gaccctgctt tgctcctcca ctttgtataa ctgngactcg   60
ggtggcacat ttncttcttc caaacacacg atatccctac cacctctcct gcgattgacc   120
cagtgtctgt gcacataaca tgatgttagg ctttgggaaa aaacccgaca ctaacgcttc   180
tgatgaagtt caccacaacg atgaagcaca cacgtcgcaa gatgatatcc ctcaacgacc   240
ttggactgaa actgccctcc ccgtgttcgc ttgnggngcc ggtnttttct cagacgggta   300
tatcaacaat gtgatcggtc cgcaacacca cactgagaag gcaatacgga gatgtctacg   360
tcaactcgaa tgccttcaaa tatgtgccga tattgccttt gcaggcactg ttgttggcca   420
actagttttc gggttcttgn tgancattgg gcgcgcccaa cacnctcatg gggctactgg   480
tatttttatn atcttcactg ccttggcagc tggatcgtac tggcatggac naccccgtgg   540
aatgttcaac atgcttaccc gcctggngaa tttttgtgg tnttggaaat cggnggggaa   600
aacccaacan ggagcgggtg gng   623

<210> 1780
<211> 620
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(620)
<223> n = A,T,C or G

<400> 1780
agccatacta agcctcgcaa catcctcaca agtccctctc aacggccatc tccctataat   60
gccttcctcc gactcccctt cagtccaacc ctccgtggct ctcggcgaca tcctaggttc   120
caaccgcggc cttacatcct tctcttcctt cgcgcgcatg cagccctcca ccgacacgcg   180
cctctccgac ctgtccacca acaccaccgt cctcgcgccg ctgaattcgg ccgtcgatgc   240
gcttccgcgc aaaccgtggg agcaacctgc tgattacgat gcgtttggcg cggatgcgta   300
cgagggtgat ggtggacagg atcgtgcaaa ggagaatatg aggcgcttcg tggaggcgca   360
tctcgtgccg gctagtccgt ggcagaagga ggacaagatc aagaccttgg gcggtaagga   420
ggtttggtgg gttgtcaagg atgggaagaa ggtcatcatg cctgatgagg tcgaggttga   480
gcgtgtggcc agccaagttg gtaacggaga gctttggatt ctcaaaggag ttttgaacta   540
cgcttagaat tgcgacaaca cgagtaatga tagattaatg attattgnac acagctnaca   600
acaagccaaa tactacagna   620

<210> 1781
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1781
attattttat ccttcctcgt cctccctcga acaaacactc tccnatcttg acttttgcac   60
cctcgctcta catctcgaac aacacataaa ccatgctcac atcaaccttc ctcctcagcc   120
ttatcggcct tgcagcggcc tcaccggtcc agcctcacat cgtcaaggac cctaaatacc   180
catcacgctc gacatcaaag ggcttcaagc ttgtcgtcaa cgtcacagat ccctcgctag   240
actttgatcc tccnatccaa aacttcgagc tcaccggcat ccnaccgga gccggcctcg   300
cccttctcgg tatcagcgag aaagacgccg catcttctac cagaacggca caaangaaga   360
cgtcaaaacg gcgaagctac cgtcatcagc gacggtggta ctcctctgac tccaacggta   420
ttggtctcgt cccgataana aaacaanaat cttttcngtg ctacgctcaa cttcancctg   480
gtacgctggt gtcaattgaa ccanctgaag accctaccta cttgttgccg anactttgtt   540
gcttgttaca agacataaaa tataccgtgg caaaaatctg gtc   583

<210> 1782
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 1782
cctagacttg aactcacgct ctcgggttcg agtgacgaat ccgataaatc tctcgccatt   60
aaggacagtt cgtcactgtc gccatcgcca gcattatcac cctcaccagc acgatcacaa   120
cctccttcgc agtcgcagtc cccatcatcg tcaccgtcgc catcacccca cccgaacacg   180
ggttcctata ccgatactgc tgtgcaaccc gtgaagccca ctggccttta tgttaagaac   240
tcggtttacg ctggaagggc acttgctgaa tgggcccaag tcattttcga gtgcaacaac   300
ttcatcgagc gccgtcgtga cgaaggaatg gcaagtcttg ctgatgtgga aatcctgtac   360
ttggagtcga gggtttccgc aaggtcggtg gttaaaagca atgaatctga gatacccta   420
ctattaaaca cagcacaatt atgctctact ttctttggca cacatgcttt catttcattt   480
atattttat ctttggttct accatcaaca gtggatnggg ggcatattgg cttttctgcc   540
aaacatcgga gtaccatcac catacattgg gggnatnttt ctcgcttaaa accaaaatca   600
gaancagggg ggctcaagtc gttctttgg   629

<210> 1783
<211> 713
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

<400> 1783
catcgatcaa agtctctccc tagcaaccaa acctccaaga agtcgctctt ttccaaaatc   60
tcccgtcgcc tctctctcgg ccccagaaga cgcgccgatt cagtccgtct atacgacgat   120
agcgacaacg atgacacagt ctgcgtaatc ccttcagagc ttcaacagcc acctacccaa   180
tcacgcttcg ctcgccgagc ctcccgattc tggtccgtat cttcggcaaa ccagttcgaa   240
gaagacttct cttcacccca gtccccaaca tatccctcgt acggggggcac atacgtccca   300
cgccatgcag caagcgactt ttccaagaca gccaccaatc gcctgaccat gatggtagag   360
gccgacgaga cgacgctctg ctcatacaac taccgcaccg acagggacta caagaagctc   420
cagcatgact gacagcgagc ccgatctgga tcatcgtgaa caggcactca gagccttgac   480
tacgagacgc agtagcaccc tctcaagtcn gacgagcaac tcgaacaatg actatatctt   540
cttctcgaac gacgcgacaa gtagtgtaga tgctcggcat cgaaaataag ctgctgcatg   600
ggctgagctt gaacagaaat cagcagcaat taaccacagg gatgagcggc accgatcagc   660
tcatcccccg gcaggggcgc acacacagca cctatctggg tttggctggc agc   713

<210> 1784
<211> 767
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 1784
ntttcccctg ttctgtcacc agtggctgan tgttctgaag agattgccga ccaagagcca   60

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```
tcgaatgagg ccaagccgga actgactgaa agcacctctc ccgacctgac acaacgtcct      120
gccgcgatgt tgtctgacct gcagtgtcac aagtcggcgg agatgctcaa gtcgttccca      180
gcgccgccaa cctcgatgcc gccaacctcg gcctggctcc cgccttccag gcgatgctgc      240
tttcagcctt ggcaactctg accttctgcc aacgtccctt gacgcagatc gctatgtcct      300
tgaaaacggg tatctctctt catccgactc ctcaattatt ggcgacgata atctggttgg      360
tgacactccc gcgttcaacc tcaacgacga cttcgacatc agcctctggc tcaacgacga      420
cagcgccatc tcatcagaat ctatggcaac gagcgacttc gccgctgcga tccagggcct      480
cgagcccaag atctatgaac ctgagaatca agtctcttcg gaaaatccta tccagcagcc      540
ccatcctggc gcgtccactc aaggatgcga cgttggtggc attgcggttg gtgtctgana      600
aatgcgagga cagggtcgag gtcttgangc gcggaactga cggatccgcg gccaaanctn      660
ttgacaggat atttgactaa catggctttg ccgtcgcgtg aactactgat gacaattctg      720
gggacaatac aatnaaaaaa cgtcacntta acgtgnaatg gccnacn                    767
```

<210> 1785
<211> 166
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 1785
```
tcgtgatgtt gacgaggact tttacaagct caacagnggc gccactggtt tctaccgtgt       60
caactacccn cctgagcgtc ttgctaagct gagcactcan ctngacaagc ttagcaccga      120
agattagatt tctantattg gntctactgn tgaacttgcc tttgct                     166
```

<210> 1786
<211> 425
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 1786
```
taaatacacc atgtttgacc gcaaggctaa gcgttaccgc aagggtattc acaagctacc       60
caagtgggac aagagtatca cagcgagtca accccctgg ttactagaga atcgatttca       120
cgaggtcgaa gaagcaggac taccgggtcg aagatcatat ggagaacggc gtattcatcc      180
cacaatggga attacaagca gatccatgtt ggggtacatg tacaacacct ttgtttcaat      240
tacgaattgc gagataatga caatatttgc caaaatacaa cacaaaagct ttggctgcgg      300
cctatatgaa agtgaaggga tagattaagg atgcgcattg gacngaagac aaaggaaaac      360
atgccacaaa ggcacatagg tagtaggaat tgcagggctt ctcaattgat gaagtcttct      420
ggttt                                                                  425
```

<210> 1787
<211> 389
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 1787
```
ctcaagggct actatgtccg agttcgctac aacgaccgtc cagtctcagt ccctggctgc       60
```

```
aaataccagg gcaagcacct cgatggcgat gagtccttct gcaccctaga agccttcaag      120
gaaatcgtgg acaagtacac acctactaat tggagaaacc agtgtcgtgc caacatgaag      180
gaatctgcgt ttccttccaa gcccgaacct tcgggttact gaacgtgtga gcagcaggat      240
ggctcaagat acaacgatga tgcgagttta gactagtctt agcgttggag tttaagtgct      300
ttcgttagac ttagacatta gaacgattgc atatttatac gcaaggtgtg gctatcccta      360
aggacaagct taatgtgata aanaaaaaa                                        389


<210> 1788
<211> 457
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G


<400> 1788
gtcttcgact gcactgacat ctttccgcaa taccattctg caataccttg cccataacac       60
accctctcta tccatgtttg cgaagccttc tcaacaggga cccgtgacac cagtagtcat      120
gatcatttca gagactcatc ttacaacgac atccgcttca gctgacagtt tcaccgcaca      180
tcggctcctt ggtcctgaaa tattacagca tcctgggggtt ggcatgattg agtttaacgc      240
catcgcgcca tctttgctcc taaaagcact cgaattaatc gccaaaagga agcgcggaag      300
tcgggacgaa ggaaaacccc gggtccccag gttctgaagc gtctcgggtg agatcgggag      360
acatcagaaa cgccgcctcg tcgcttgagt tctttgcttg aangngacca acaaggcgaa      420
tggggcacaa ggtggctttt ngaagcagac caagggt                              457


<210> 1789
<211> 1061
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1061)
<223> n = A,T,C or G


<400> 1789
ctggaagaat tcgcgggccg caggaatttt tttttttttt ttttcaaaaa atagctatca       60
ttggtaaata aaacaaaaca acacgctaac tcgacaatgt atctagaaat cctttcagtg      120
ccccgaatcg ccataacata atagctaaca caatatcgaa cttggatctg actgtctctt      180
tgtttctcat ttcttcccaa gcatttctcg gagagcatcc acctcagcct ccctcctcgc      240
aagctgaagt ctcatatcat cgcgttcatt cgtcatggca gccagtgcct cctcaagctc      300
ggaaatacgg tcgaggcgct tctggcggta cttgcgcgcg gcaagagtgt tgcgctggcg      360
cttgagggtg acngctgaat cctcttcttc gggagaggat ttgcgtttgc gagatgacca      420
tgatgatgag ggggaggggt gcaaagaaaa ggtggatgtt cctgggatgg aggatgttga      480
tgttggggat ttgtttgtaa ttgttggtgg tggggatga ggagtgctgg atgttgaagt      540
tgaagaacgt tgctcgatgg gtgtggtaga cttgacattg acgagaggct gctcctgagt      600
gaggaagcca tctccagcca catcgagcga agactgcgtg tccaaacgt tcaagtccgg      660
gatcataatg ttgtcgaata acccatcacc actaagttc tgaacgacat tctggttggt      720
ggtggtgtta ctgttgatgt tcccgaaacc ccacgtcgca tcatcaaacc cgttgtactc      780
ggatgggaga aattccaaaa agggagaaac gtcctcaaag agaagaagac taggatcgat      840
gctgaggtcg ctgctaggca aagacgctgg ggcagcgagc agactaccag gacatggccg      900
agaagcggct gcaggcagcg gacgatgcgc acgctgctcc cattgattca agttaagggg      960
gatgcagcct ccctacgtt tgcagagagg ccgttaggct agggagaaa gatggagatg     1020
gagaaaaaac ggactgtccg ctttttctgt tgatgatgga g                        1061


<210> 1790
<211> 472
<212> DNA
```

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 1790
ctacggcgct ccctcacact atggtgctcc tcctggccag tctccctacg gtgctcctcc   60
aggccagtct ccctacgctc ctccaggcca gtcaccctat ggtgctcctc agggccagta   120
tggtcaagag ggtgaccgcg cctatggtga caacagcaac aacccttacg gtcaaggaga   180
gaagaanaag aatggcagct ctggttatgc tcctcggtgc cgctggtggt ctcgcacttg   240
gtgctgtagg tggtgccctg atcgccaacg aactcaacga cagcgaatag cgacaaagaa   300
aaacatgccg cccgctgccg ccgctgctgc tccctgccgc tgcccccctt acaacaacac   360
ctcaattttt tcaacaacta ctacgtgctc ctcccccctg aagatttccc tatgccaacc   420
ctttccccca aaaaggcccc cctgnntttt ggcctgcccc cgaatcnaaa tg   472

<210> 1791
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 1791
aactcaccac ccatggggcg ttcccaaatc attcaagact acagactatc ttaacaccga   60
cggcaagatg aagtggcacg aggagttcaa cagctacctc aacgccgttc gctttacaga   120
tgcttggcta ggcgagttgc ttcagacttt tgacgagtat ggcatgacca acgagacatt   180
ggttattttc gtcggcgacc acggacaggc ttttaaggaa gatcaaaagt ctaagatcgg   240
aacgtacgag aacgggcatg ttagcaactt ccgcgtacct attaccttcg tcatccccat   300
attccccgcg tgcagtacaa cgctaacgcg acatccctct ctattcttcc caccatcctt   360
gacctgctcg tcaacacagg atcactgacg agaaggacca aaacgctgcg tcagacctna   420
ttcacgacta cgaaggacag tctnttattc gaccatacaa aactattaca acggtcgccg   480
cgcgtgggac ttnggtttat taaatggngg ngcgagcatg ttgtccatga acttctggcg   540
atgcaccatg gnggattngc attccccttc gatgacttta cgcaatattc gattnaccga   600
tntnaaaaaa aacccccttt gaacgtaggg nn   632

<210> 1792
<211> 394
<212> DNA
<213> Fusarium venenatum

<400> 1792
cttcgagagg aagcacaaga agtgcaagaa gcacatctct ttgagaagca tcctccacca   60
ctgcggcaga catgcttact acgatgacgc aaagaaggag tgcatctgcc acgacagcgg   120
taaggacttt ctcaaggagc acaagacctg cgcttgtccc caaggcgaga gtggcacca   180
aatcgagcgc aagtgctcca gacactaaga gtgtgcagg ctgatttggc ttgtaattat   240
gtttcaagtt caatgttctc ttactatact gttggcttct gcggcagtga tagcaaacag   300
gtccgacat ggatatggtc attcgggata gggcttggtt tgcttttggt aacattctag   360
tctagttgct cttcaatcat taccaattaa ttac   394

<210> 1793
<211> 597
<212> DNA
<213> Fusarium venenatum

<220>

<221> misc_feature
<222> (1)...(597)
<223> n = A,T,C or G

<400> 1793
gctgatagtt tgaagtcgtc catcaaaccg aaacaaaatg gccgatattg ctggagacgt   60
gtccctggga ctcacttacg cgtctcacca atacggtgat catagccgcc agaagctagg   120
cgtttggcgc ttctctaatc gctccgatca gaagtcaggc tattgggtgg tcttcatcca   180
cgggggtggg tggcgtgatc ctcgtaacaa cgagaatgat ttcaccgaga gcataaagcg   240
tactgtcatc tcaggtgctg tcgcaaccct agatatcgca ggtttcatta gtatcgacta   300
ccgactttcc cctcatccag agtttcccca ggaagcagcc accgcaaagc atccagatca   360
cttggaagat atctggtcag ccttgaatta tgcacaagaa aagtatggat tgtcggagaa   420
ttacatactg gtcggtcact ctgctggcgc aacccttgca atgcaacttt tgatgaagtg   480
acgagattct cccatctcat ccaaggacct tgctgcgcca taatcggatt cagctctaca   540
actatcgatc acaaaaatca tggcgattct ggttcatgat ccattggcaa ganatcg   597

<210> 1794
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1794
agctcaacga atacagcgga tgtcgatact ggtcacaact tcaaaccact cacactaaca   60
acaccgagcc cttatgccaa gacgagcccc tctgtacaac gatcaactgg ttcagctaca   120
cccggggcca gtggctcaag actgcctatt atacgcagcc ctgacgctcg cgccacttca   180
gcgtcgcccc gagttgaaac acccaccagg cgcacccact cgagcctgtc attccgagaa   240
aggcttgctt cccatggttc aaatagccag cctttgccaa agccgcgtct ggcatctcat   300
ttgtcaacaa ctgctctttc tggtagacga tcatctctac aggcttctag gtccattgga   360
gatgacggcg agaacccaca tagcagacct gccagctctc ttgctaccgn gtcgaggagg   420
atcaagtctt ntccccaccc aaatcggaca cgggacgagc gagtccgctg cctagcgggt   480
gcgcgactgc atgcgcaaac cttttcagcc gagccaaang atacaaagnc aagggggngg   540
actgnaaacc cccgtatggn catatatggn ataacaatat ttcacttttt gaaaaaggtg   600
agccttattn ttactggttt atgaaa   626

<210> 1795
<211> 572
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G

<400> 1795
cctgaatctc ggcngaaaaa cagaccctca aatcgttggt acgtcaatag gttaattcaa   60
agataacacc gagtggatat aagtagctgg tgtctaggaa tagtggcgag ccaagtcggc   120
aaaaccccaa tgtcaagcga tctcggcaaa aacccaatag ctgccgagat tgaacaaata   180
acgataggcc ataaataaag ccattcatac cattaccccc acctatcatc aacttcgcct   240
tctcaactat cttcacnatt cgacaaccat canaatgtcc tccttcgccg tcgtaaaaga   300
catcgaccac ctcgtcctaa cctgccacga catccaagtc actataacat ggtacacgaa   360
gtacctaggc atgaaatccg aaacctttgg tccgaatcag ctcctcgtca tgctctcaag   420
tttggcacac acaagatcaa tcttcaccag cgcggtaaag aattcgaacc aaangctaga   480
acngntttgc ctgggactgn tgatttgtgc tttattcttg aaganggaac ggatctgcaa   540
ggactgatca cggaatttga gaagganggg at   572

<210> 1796
<211> 359
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(359)
<223> n = A,T,C or G

<400> 1796
ccgagacgga cgtcctcgag cttacacagg cgactcaacc agnagcagtg actccgactc   60
tggtgatgac cgacnccgaa gtgacgatcg ccgccgacgt agggatgagg atctcgccta   120
tggcaagtca cagtatgaca accaatcaag ccatggaggc tccanccatc acggnggttc   180
ntatggtggc caacagggtt atggtggcca gggatacgga ggacagggtg gatatggggg   240
ccgatactaa ttnttttgca tgttgagtat atgatatagg aagatataat gaggtatgaa   300
tacacagacg agacaatagg cacgtcggag tggaaatgaa aatatgaatg tttnnttat   359

<210> 1797
<211> 834
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(834)
<223> n = A,T,C or G

<400> 1797
ctctgttcgg tgcactgcgc tccgctttga ccacgatgcg accttcaacc tctggctttc   60
ttttggacgg cgggttgcat ctaagcagtg attcttcttt ttgaggacac ttccatccat   120
atgggcaaac gaaagggtat gggaataaag cagagcagaa ccaaatcgac actcgtcttt   180
gttgatggcg aaggcttctt cttccacccg cccgtctcag gtaatggtaa tgttcaagaa   240
caaagcaatg cgaatcaatc aaaacaacga cataacgaaa ccgcgcctct cttacctgtc   300
gcaactcctc cagcacagac tcttcaacgc cgctctcttc aaaatcaact cgtgagctgt   360
tgacaacctc gtcaatgatg gccttataga cgctgccgac tgcctggttc gacatgatta   420
cgtctgttgt ccgaaacgat cggtcgattc gacttgaagg ttatcaaaat gttggtctcg   480
tatcttggct ttgatgggtt tgcgcccgtc aagcaaatac tgccgttatc gtccttgttc   540
taggcacgct ggtggccttg aagtcgatgg gggcaagatg caaatagtca atgcggcgcg   600
aacgggagca ctcctttcag aanaatagtt caaagctttt tcaaatcgca aaggtgagtt   660
ttatgggtga tgaccggact tggcgtaagg aanctagatg taagtaatct agtacttgcg   720
ctgcgtctat ctgcggaagc gacnaaaatc ggccaaggat caaaataaca aatcaatttt   780
tncttacaaa acaaaaaaga atggaacnat taggttgccg ttaaaaaaaa aaat   834

<210> 1798
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 1798
caaatacccca actttctcaa tcatgggtcg cgaactccaa aagaagaagc cagatcaggc   60
cgccagcccg ttagacagct caacagatcc aagaaagatt cttaacccccc gaggcaacga   120
tgctattgct aagagctgga acaagaagga gactctctca cagaactacc gtcggctcgg   180
tcttgtagct cgtctcaagg cccccgctgg cggaacagag aagaactcag cgcaaccaca   240

```
accagcgcct acgccaacga cccccttcgcc atcgccacga tcgaaaacgc cgtcgtttcc    300
gaagcgcgcg tggagcgtga cgccgacggc aagatcattc gcatcatcgg atccgccaag    360
cccaacccctc tcaacgatcc tctcaacgac cttgacgaag gtagcgacgc cgaagacaac    420
ctgctgaaga atggggcggt atcgcggaca atgccgacna agaaganatg acagacttgt    480
caagcagctc ctcgagcagg ccaagcacct gatctgccaa gaaaaacaca gantgctcc    539
```

<210> 1799
<211> 289
<212> DNA
<213> Fusarium venenatum

<400> 1799
```
tagatgatag aagtcgataa tcatgttaat taatgtatac aagatatcta taaatgcaac     60
aacgcctttt atcatctatc ccacattagg ccataatctt agtttgatcg gcaagtgaag    120
ggagcatgag cggagcccgt gctggtgata tcaatgatat ccttaatagt agcataagta    180
cggcaccaa gggtaacaat accgatgatg aatgcaagga tggctcccaa gctcatgagt    240
aagttcttct tctcaaacca cttaccctcg caaagcaaga cgaaccaca                289
```

<210> 1800
<211> 524
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 1800
```
cctgagatca acacccttct gttcgactgc gacaataccc tcgtcctctc tgaggagctc     60
gccttcgang cttgcgctgg tctcattaac gagatctgcg agtctcgcca ggttgacatg    120
cgattcactg gcgagactct catcaaggag ttcgtcggcc aaaacttccg tggcatgctc    180
accaccctcc aaaagagttn caacatcgac atctcccccg aggacctcga gacctacgtc    240
cgaaaggagg aagangccgt catcgccaag ctcaaggagg ccctcaagcc ttgcgttggt    300
gttgatgagc agctcgagaa cttgctgctt ccggaaagta cacaatgtcc gttgtgtctt    360
cctcagctct tcgacgaatt cgtgcttcca tcgaaaangt tgggcnggac aagtacttcc    420
ctggcgacgt tgtcttctct gctgccacaa ntctcgagaa cctaccanca agcctgaccc    480
gccnttttnc tccccgctct anacaagctc cgcnanaaag gcga                     524
```

<210> 1801
<211> 782
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 1801
```
gaatcaactg cgccatgccc aaacgaaata aggattcagc ngggttcc tagcttacac     60
attcccgncg gactcacgaa tgcgagctat tcaaaatacg ttttacccaa atttattntt    120
nttcttcaca gcctcagtga atcattcctt gagaaaatat ttctacgtcc agttcgcgat    180
tcaaaatgtc acagccagca acttcctcga cacctgtgaa tggcgacacc atcgcgcctc    210
nttcatacac agctaagctt aggctgaac ngnctacgga cgagaagatt gccattgaac    300
agcgacacgt taacgacgat aacctacccg aagtcgtggt cgagccagcg catcaatatc    360
cccttcgca aacaagcccg cagacgagtc ccccaccacc cgtatcgact gtttcgcctg    420
taccacgaa cgcgatgtct tgggacggaa cacaatcgcc ttcaatcttg cagcatccta    480
gtcttgcgca acagcaatat gcaggacaag agggcatgtc tattcagatg caaccgcaac    540
cttccatgca gcgaagcggt cncacagtta cgcctttaca tttactagcc gnccaagctg    600
```

<center>- 699 -</center>

```
attccgtcga ctgcccgttc tgtcagcacc agaccgagac aaaaggtcaa gaagtcagcg      660
tttggaatgg aacacgttta cgccggcgcg ctnttttttc ggaacctttt ttnggggtgg      720
ttggccttac attttggcat tgngcattta aacatnaanc actactggga ggaactgngg      780
nc                                                                    782


<210> 1802
<211> 451
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 1802
tcaaggttga ccgcggccca gacggtgcag gactcttgat gaagtacttc cagcgcggag       60
gaggttacta catcgatgtc ggcgcatcgc agctcattgc cgacggcaag atcaaggtga      120
agcacggaca ggaaattgag actgttctcc ccaatggtct tcgatttgct gatggcacag      180
agctcgaggc tgatgagatt gtattcgcca cgggatacca aaacatgcga acgcagtcga      240
ggaccatgtt tggcgatgct gttgccnaca aggtcaacga tgtctggggt ttcaacgagg      300
agggtgagat ganaactatc tggcanaaga gnggactacc tggattctgg ttccatgggg      360
gcaacttggc tatgtgccgt attactctaa ctatggcttt gcaaataagg gattggaann      420
ggattgttnc ttatacattt tgaagtctac c                                    451


<210> 1803
<211> 581
<212> DNA
<213> Fusarium venenatum

<400> 1803
cgcagcagag ctggagggat gaaatgacaa agacgacaaa ggacgcaaca gttcaagtcg       60
aagaagcaac tagttatgcg cagctgatgg agggccgcta caacgccatt tcctcccact      120
ggcaagacca aggcgaggaa gttaaaagag cggttaccaa gatgaaatca gaaatagatc      180
acctcaacgc agaacgacga gcagacgacg acaaaatcga aacattaaga gatctatgcg      240
accagcaaga cggcaacatc aagcagctac ggcatgaaaa agaggagatc gctcgcaaat      300
tcgaagaata taagaaaacg caagagcaag acctcaagga catcaagacc aacgccagat      360
tgagagaaga cgagcaagaa gccctactac tagcgtccaa agaaacactc gataagctta      420
aatgggcact caacgttaag aagaacgtta aaggcgcaca ataagttacc tctccacacc      480
tttcaccggc aaatggtgtc tgcaactcat ctcagtaacc tttgccacaa gaagtgttat      540
ccaaccatat ctataattct acctcatctc tcgactggct g                         581


<210> 1804
<211> 652
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(652)
<223> n = A,T,C or G

<400> 1804
ctcaaaacct catcatcccc agctctgcct ttctcccttt agagcctttt tcatagaaac       60
cattgcaaat ctaaacaccg atactcaaca tggcttacaa ccgtcctac gargaggntg       120
ccctccctag attcgctgag cctgagcaga agccaggaca gtccaggact cctgccccgc      180
agccacacca ccctcctcct cagcagcagt agtatcagca tcatcccccc cctcagcagt      240
atcaccagca acaacccga tacgacaagc ctctaccaac ccaaagagat gcgcgatctc      300
attcactagg ccagggtcca gcttctcacg gttatatgtc cccacctcca aacactggcg      360
gcgtgagacc caggctcata accgtcctgc tcccaactca cgactcctcc ttcgcctgct      420
```

```
ctcgatggca atggctccga tcccacgctc ctacctctat ttcgggctgt tgacaagatg    480
gatggtcatc ttctgagaag aatatccgcc gcgctggtca acgtgacgga cgctttgatc    540
ccatacgtcg cagatatcga agttgatctg atcgatggcc tatcggttca agaattgcgt    600
natgtctttt ggctcntgaa antctcacga tcaccnacgt agcgaactct an            652
```

<210> 1805
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1805
```
ttcgcctgtt ttagcagctg tcgctcgtta tttatcgttg ctaacatgcg tttcgctctt     60
ttatgttcaa tcgcccttgg ggctaacact gccattgcga gtgtttgtaa acctcgtcag    120
tcgagtgata ccagtgttgt gtccgtagaa ggttacaacc tcgactgctg ctgtgcccag    180
ttctcctaca agtacagagc ttgagacnac tggtgataca acctcagcta caaccatcgc    240
gacttcaggt gtcgaagtca ccactaccac cactgagttt cccacgaagt gtcgcgacgt    300
caatttccga acacgaaacc accaccgaaa caacaaccct cgccgaaatg actacaaccg    360
ccgctcaatc cctagaaaca ttccaagtca tcgctccagg ccacaacttc caagatgaac    420
acctaatcgg tcgaaaatcc acctcccaac gaatgggttt cgatctcgaa ccagcgccaa    480
cctcccaacc ctcacattct ccatcgaggc aa                                 512
```

<210> 1806
<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 1806
```
gtctcaaact gcacctcaga accagatgac ccagcatgct gcgcagcacg cgcacgctgg     60
aatgacaggc agccctcgac cgaagattga gcctcaagtg cctctccaac tccagaagcc    120
acagtcctct cccatgcaac aagctcatca ccctcaaaat ggtgggcaac ttcagagccc    180
aggaaacacc acacctggtg tgaacccaag cgcagctcct ggacccatcc ctgccacgac    240
ccctcttgtg gttcgacagg atggcaacgg tgtccagtgg atcgctttcg agtattctag    300
ggatcgagtg aagatggagt acaccattcg ctgcgacgtc gagtcagtca acattgacga    360
gctgtccccc gagttcaagc aggagaattg tgtctacccc cgcgcatgtt gccctaagga    420
ccagtaccgc ggcaaccgct gatgtacgaa accgactgca acccgtgttg gttgggctct    480
ggccgagctc aacatccccc ttcgaggcaa gcgangcctc atccagcgag ccgtggacag    540
ctggcgcaac aagcaaccag gaccctngac tncgtagtcg acgaagtccg tcgcatggca    600
aagatgaacc n                                                        611
```

<210> 1807
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 1807

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```
tgacgttagc acgtctatgg aacccataaa gtccagagtt ccttctggct tgtccgaggc      60
cgacactatc gtgcccggat ggcacaagag agatagttca tcagaaagtg aacccgagag     120
ccccccatca tttcttccca tccaagaggt cgacgagacc tttgaggaag aaaatgatac     180
ctttgatgga gctagggacg tcatgcccgg cacgcctaaa gcacccatac agagcatcga     240
gcaggacctg atctccccaa cagacttgac ccgtacccct gagacccctg atttcaacta     300
cagcttctcg cacgactatg atcgggaaat ttcccctgaa ctaccacctc ttcgcctcta     360
cctctgcccc gaccaagaat ggatccagct cgacagcttg ccgtccgttc atcaagcatg     420
aactttgcag ccttgtctag cgaccttct gaggtatncg gctcttcaga tctggctaga      480
actcgaatnc gcgagggccg agtctttcaa gcaaggcccg ccaggtnttc acccacggac     540
ttnanggttg gnacccentt ggnaggcctt tcttggggac cggaccgtac tggtgatgac     600
cttggatatg tcancca                                                    617
```

```
<210> 1808
<211> 226
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 1808
ntgacagtgt tcctgtttat accncccttg cnactcatgt anctgcgtcc ancaagccta      60
ctgaagttgc tgtcaancct aaagcngtgt ccnaggtcca ngccgtttcc aaaaccaagt     120
ntnaaaccaa gtccaagtct aagcccaggg ccaaatctna gactgcancc aagtcccagn     180
ccaangctnt tggtaatggc gcgtctgtnt ctggttcatc cacctt                    226
```

```
<210> 1809
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 1809
cgactcaata ccgtatcagt tttcggcatc tacagacaat accaatcatc tcaattactc      60
catttcacaa tggcatccga gtttggaagc tctcccaaga gagagcctac accaactctc     120
ccgttatcct ccatccctna naagcgctct ctnnaagagg gtcgtcacag tccgatcgng     180
ccctcgccat tgaaccccga agtcaaacct tacgactctc tggcccccga agatgcctcg     240
caaacctcgc gatcaaagtc agtgcgcacc aanaaagaaa cattgaagaa acgcgaatcc     300
aanggtgccg acagngttcg tgcgactcca gacccaaaac cgaaaacaac gaagcagcaa     360
aaagaaacaa aacgagtcga gtccattccg ntataagctn gcnctccaaa ttggntgatt     420
tngatccccc tnggggcctt gtatgaccnc ccntattga                           459
```

```
<210> 1810
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1810
nggttnaaat cccanccanc aaactggnta nttccttctt gcatttgggc taaggcttgn      60
```

```
nccccgatcag ngaacccgcc ttggaaacgt ntgcgtncgt gagtgcatat ctccactttg      120
ttctcctcgc cagcaatgag tgctttcatt ccaacgtccc ttcaaggcac tgataaggct      180
atcacttgat ggctgcnact ttccaaggtt gatggcttca aaaagagaac ccgtcatagt      240
caatagcccc aaagattcca tcgatatggt cgtcgatcta ggtgtaatcc cggattgagg      300
agcccgcttc aaaaagaagg attggcttgc ttggtggatg agntggngac ttgtggatcg      360
caaatcccgg cgttggcgaa ggccgaaacc gngananacct caaacancac agcgaatntg      420
atcaaatgaa acctgtgtgg ccaacaattt acctgtgatt tcatgcnaca ttngcgaaat      480
ggctttg                                                                487


<210> 1811
<211> 827
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G


<400> 1811
cgagacagaa aaacctgctt tacccaacgt cctctttatc tatcgcgcaa agcgcaactt       60
gccccagtct tgcctgttga ctcatcacag tcgcagcgcg cattgttcac ccactcgcct      120
ctcgaatctg ctttctttcg caccctcctg cccatcgtgc tggcttagga gcgccttttg      180
tcctcggtca tcgtttgctt cttcgtaatc ggtacctctc cgaacacata tatccgccga      240
gcgacactgc tgtttatgta tcagcacgac cagcactccg tcttcagaca cctctttaag      300
ctgcagttat ttcgcatacc gngaaagcct tgtagccccg acatcaattc cgacggttga      360
aacttagcaa cactatagtt gtctatgcat taccatcagc atccgatcat cattccggcc      420
tgccacatga caatcaaaaa tcatcaagag cactgaaacc ctcgttgctc cgcccatcct      480
caactacctt gtgctatcaa gttcatacat gacatcctcg tcatctcacg accataccaa      540
ttactagcct cgcctacctg ctttgcctta ccacctttac ttactaccca agtaactatt      600
caataccgtc atcatggctc tcgtcaacgt tcgccgcgat gttagcgatg ctttctatcg      660
tacaagatgg agcgttgcag accaanatcg aaggcaagga aacggtatca agaccgcgtt      720
gcaacttann aagcgttgca gccttacttg cccgtcccgg tcctacgtan tnaagtcttt      780
tggtttnaac ttggngccaa accaacattn tccaangang acgttng                    827


<210> 1812
<211> 607
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(607)
<223> n = A,T,C or G


<400> 1812
gtgcttgaca tcggtaccgg cactggaatt tgggctatgg attttggcga cnagttccct       60
gaggccgaag ttatcggaac agatatctcc cctatccagc cgagctgggt tcccccaaat      120
gtcaagttcg agatcgaaga cttcaccctt gactggacat tcccccaaaa ctcggccgac      190
ttcatccaca tgcgcttcct ctacggtagc gtcccggact ggtacgccct gtacgagcgc      240
gcattccaag cgaccaagcc cggcggttgg gtcgagtccc acgaaggtga ccccatgggt      300
cttagcgacn acaatagtgt caagcctggc agtgccatng ccgaatgggg caagttcttt      360
cacaagggtg gtaagaactc ggtcgtgtct tcacgcctct cctgataac ctgcaagaaa       420
aaggcatgaa ggccgctggt ttcgtanact tcaaaacaag aacaataagg tcctgtggga      480
attggcaa ggaagaacc tcaaggaaat tggcngaat aacactgan catctatctg           540
atgttgaagg acacattgct ttcatggtac cctcttgaag gcggacaaaa aacagtttgc      600
tctactg                                                                607


<210> 1813
<211> 583
```

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1813
gcatcttgtc gagggctact cccaaggtac tgttgccacc cgaagaactt gctggtctgg   60
acaattcaga ctcctgagca ccttgagtgg attcgcccct ggatgaccga gattctcggc   120
atggacaaga gaagagacgt tcttcgaatt atgctcttcg tcagtcagcc tcgatcaaca   180
aaggagattc acagtccttc atccacggtt caaatgttcc caggacgtcc caacatcaac   240
actctcttgg gtatggagca agancaacag gtcggcgcca tggctgtaac cgtgtgcggc   300
cctggtgcgt taagtgatga agttcgactg gccgtgcgaa accgtcaaga tcgatctcac   360
atcgacttca ttgaagaagc gttcacctgg taagctgctt tgattggtgg aancctggtg   420
tttggaattt tggcacttgc tggccanaca nctcacaatc ccgtccctgg ganacaaaaa   480
tanaaatatc tctctgctct cgacctttat ctganananc taccgtccaa atatcccgtc   540
ctcttgggcc acttgctagg cagacncatt tgaaaaaatt cag   583

<210> 1814
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1814
cggtatcctc ctgcaagcaa tcttcagcca aatgactggt caacccctct atctcaacca   60
ctgcccagtc cacaaccagc agcaagtccc cacccggcaa agagggttgc cttgtcgcct   120
accatgggca ggcccccgat accagcctgg tccagcgatt caaacagctc tgccaaagca   180
gcaaatatac ataacaaaaa ctcgattcca cgacagaatc catctttacc aattaactta   240
tcgctgtccg aggacgagag aagtcccaat cgctccagtg ccgagctgca tagtcccaac   300
tctggcaagg gctatagcac atcggggggcg aaccgcgaaa acagtcctgc ggatgagggc   360
gccgatccct tgtacgaata ctttcactga ctgtggatga ttggatgccg cctgtggatg   420
ctgtgtatcg accacacgtg ggtcatacac gatcatgcca cctgagatga aaggacaaca   480
agctnaagag caanggcaaa cggactttgc gtcagantga ttgatataat ataagtgcat   540
tggtattgat gaattatgaa ttgntggnaa agtatcggtt cccggtctat atactttttg   600
gacttaggnt tttgggagaa gtttgg   626

<210> 1815
<211> 526
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 1815
nttaaaatcc ancatggctc gantcaaagc ccatatatga ccatcgctag acctaaaag   60
agggcaatcc tgaagataag atcagagcat ggcttcaact cacgatcaac gagagcggtc   120
attctaaaca aggagattgg atgaacactc tcgttcctca ccttgaactc gtctccagca   180
acgctgaggg ccctcaccca tcttgtgtat tctcctatac agttcagccc gacaattgca   240
accggttaca aaaccttcat ggtggctgcg cggctacgct ctttgactgg tgcacaacgt   300
tacctatcgc tttggtgaac aagcctggct ttggcagcat ttaggtgtaa gccgaacact   360

```
taatgttacc tacatgcgac ctgttcccgt tgggactgag gtgctcattg agtgctctat      420
cactcanatt ggtcggaaac tggcgactct tgcatggatc aatgaggaga aaaagcgaca      480
acttactgct agcgacagnt gagcattggc aagggcaaca ttgatg                     526


<210> 1816
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1816
ggnatttttt tttttttttt tttttttcac atactcaata tcaagttgcc attcttatga       60
cctataggtt cgttgccatg ggatatcggc canagggttg cgaggaaccc agctgggaag      120
atattcaccc catccccagt agttacctgc tcccgcagga tggtcggcac acatgcggat      180
ttgactaaca tcaacaccct caggaaggtc tttagggttc catgtcatag cccaanacg       240
accgcacagt ttttcagcac cggggtgttg gtcggcaatg accatggcgg tcataacagc      300
agcgaaaaca gcctggattt tcatattgat ttattgtgag gtttggtggt ggctgcagat      360
aaacctgcag cggataaacg catctttatc actgccgggt actacagtaa ccaagatttg      420
tatagagtcc tatacgagaa cttcccagat ttgcgaaaca ggctgccgga tgaggccaat      480
aaaggan                                                                487


<210> 1817
<211> 324
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 1817
cttttgcata cccaagctgc ggcccgcatc gcccacctcg acgaactata caaaatggat       60
tccgtggaag acgtgaaata cgaaacctgg agtaggaaga ggctggatcg gctttttagca     120
gattacctcc ttcgccatgg gtacaacgaa actgcaaagg agttgggcgg accagcgcgg      180
cattagagat cttgttgcgt cgacaccttt gttgntgnta gccgattcga nattcctnat      240
gaagganagt gttnttgaac ttttggcttg gtgcacaaan aaaaaaaaag gagnttccag      300
ganggcagaa acttgngttn ttgt                                             324


<210> 1818
<211> 1097
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1097)
<223> n = A,T,C or G

<400> 1818
ctaagatgaa agatttgaca tcaactttaa ttcacatcaa ctatggtat actaagtatt        60
actccgcccg acaagtcaag ccctctcctc cccccatccc cgccggcaac agcagaatgc      120
cctgtgaagg aaatcgacat cgacatcgtt gacggcgacg atagtgacca cccactcccc      180
gaccctcttc aacgacacaa aattctgtct gagacgcgtg acgttccgga attcgcatac      240
ttcactctcg accagaaaca gtaccgcaaa ctctatacaa agatcgagca aaccttcaga      300
agattcgact acgaacctaa gcgcagccgt ctcargattc gcatgccttc accaactcat      360
```

```
gactacttcg ccacctattt cagagacgag atctgtaaag aattgaacaa gattgccagc      420
aaccgtagtg acgaggcaaa acccttttgcc gaaaaagtca taagcgccct aggttcccgc      480
gtcttccttg cagagacgga tgacgagaac ggcccgatta agcgtgaacc agatattcag      540
ttccattacc ctggggcaag gtatcctgga atagtagtng aggtatcgta ttcttaggat      600
ggtaaagatc tgaggagact tgcgcaagac tacattcttt actcgaacgg cgacatcaag      660
cttgtgattg gtgtcgatct caactaccgt ggcaagccat ccacagtatc tctctggcgt      720
cccaagttta ccaagtccga anatggcctc gacttggaaa cgtttgagga cgtccacgag      780
ctgccgttcc gctcatccga tggcgacgcc ttgaatcccg accagtcgct aacgattgac      840
atccgcgact ttgctacaga tgaactatcc gagacttggc ccgccgccac gatcaacatc      900
ctgttgtccc gacttgccca atacgcccaa gaccccagca gcggcagaan gacaggaacc      960
accgcccaga cgacagcgtc naatcaangc gacggctaat aaggaancgc anatggtcgt     1020
ccagttccgc cgaaaaactg aaatccaaga caagcaatnt cttagaagaa gantctgttg     1080
cncgaaattc ccccttt                                                     1097


<210> 1819
<211> 501
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G


<400> 1819
actcaactca actcttcact tacaccaaac ccatcttcaa aatgcccgag tccaccacta        50
tccagacccc tgccgccctc ggcgataaca gaggcatcaa gttctccttc aagactggta       120
atgcccgcta ccagtgtgtt ctccaggacc gatctgtcta tgagcgcacc aaggcttccc       180
gccagaactc ttccgactct gtttcctcaa ccgagtctac taagaccgag aagtcttccc       240
actaaactta agctgggagg ttacgggatc atggcacctt gaccaacatc aaccctcaat       300
caagcttgtc tgtaacaagg cttcgaaggg aacaatggtg accaatgcaa acaaaactgg       360
ggagggagtt tattttatac cacaattatc tggcattagc gacggtttta cagagacatt       420
tggcgtctcc atgaatcaaa acaatatttt tntatcgtta aaaaaaaaaa aaaaaattc       480
ctgcggcccg aattcttcca g                                                 501


<210> 1820
<211> 308
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G


<400> 1820
ggcaaggtcg gcaaggagcg tgctgctcag gaggagcgca gggagaagca gaacaagcga        60
aaggaggaga agatcaagga gcgcgaggcc gactttgttc caccagagga gagtcgtccc       120
aagaagaagc gtaagaagac ggaagagtaa gcaaggggag cttccgacat tgcatattgc       180
atgggtgggc aactggtgtg agttgcgtca atctcatgtg caagctctcg aggtgtntga       240
tatcctgaaa aattacctgg cgttcttgtt tctatttgag gattaatagc tgagaaaaac       300
tgttttcg                                                               308


<210> 1821
<211> 173
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
```

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```
<222> (1)...(173)
<223> n = A,T,C or G

<400> 1821
ntgntcgact angacgncct ccgggcanaa gagaagaagn ttgccgagaa acncgacaag      60
gacggnaccg agctnncacg taccggaaag gagatggaga tggcnaaggt tgctnacgag     120
caagntgaac gagcagataa gcaccgaact ggcccaactt atcgaacttg ggg           173


<210> 1822
<211> 479
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G


<400> 1822
aagatggcga taaccatgca ttgtgccgat gcggtgctga attttgcgtc gtttgtggag      60
agaaacccaa aagatgcgaa tgcccatggt tcgacgctga cgtccccgac tctgatcacg     120
aagagaaagc gattacacga agggaaagaa gcgaaatcca agtctttcgt gaaggcagca     180
ctacagagga atctcgaggt ccccgaagac cacgaggaaa acagccacga cctcagatct     240
acgacgaaga agtcatgtta cgtcaaaagg aggaccgcga agatgaactg gttcgcaggc     300
ctcgctacta tgccaaagac gacgagtatg atgtcgctgg tgctccagag cctccctcat     360
cccattatat ggaagatagt cccaagcgtt tanggcgcag agtagttggc ggcgtccctc     420
cttctccaaa tcaggcagan ttcgaaagaa gttctcgtgt cngcagaaga agctactac     479


<210> 1823
<211> 568
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G


<400> 1823
ccatggtgca cgccaaagcg caaaaccttc tccctgccat ttacaagggt cgcctgactg      60
atggtagaga agttgattcc ggtgacatga tgactgtgag tggctactcg gacatggttg     120
tgctcgatcc tatgcagggc ggaaaaccag gcaagcttgc caacaatgtt cctggattcg     180
agtttgtgaa cgacactcag atggactttg agtactacaa gaatcgagcc gagtttgcag     240
agaaccacgg tggaggtgaa atttacggtc gcccgggaga natcggccgt cctggcaccc     300
caggatcttt ggatggcagc gatttctcac gtcccggcac tcctgttggt ggcggtcgtt     360
ctgcctctcc tgctgcattt gctggcggan cagcccagca gcaacgattg atgtctcttg     420
ccagcaacgt tagcggtgac acaagttnct cgtcttaccg accaggtgcc aataccggct     480
tcctcacana ngactttggg tcagaacccc ctgctcgagg tcgtacccgt tgtttgccan     540
aacaatggaa gctcctccag tcttggac                                      568


<210> 1824
<211> 537
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G
```

<400> 1824
```
cttctttccc ctgttaccgg caaacaccaa cttgacgcgg gtctgagcta aaacctcgcc      60
ggccatttct ttatcatcag ccccgtggag ctgtagcatg tntttggtgc caacacagca     120
acatcatact tttgttgaca accgcgcatc gctacacact gtttccaaca tcgcgaaact     180
tggatccgag gcgactctag acacgctcct cagctctccc aactctatgg aacgaagtgc     240
tccggagtac tcgcagtcag gtttgcttcg ccctatccaa gcaacttcgg cgacaccaat     300
tctgaaggtt cgagggcaga tcacgcatct gctgcgcaat atcctgtcaa gcaggaagtc     360
aactactcga catcggctac tcccacctnc gagtacgggg tttaccctca tactgccgat     420
cangatcttt ccaaaacacg tncagngtta taccatcctg aaacagcgcc agagtggaag     480
tntgggcaac aacaaaacag tccgtaatgc ccaacangat gggggagcca tnaaacc        537
```

<210> 1825
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1825
```
gaacagcagc gattgtcagt atatcgactt cactcggcga gctagtatct atctgccaag      60
atgagccgaa gtaactacag ttacgacgac gaggatgact acgatgttcg ctaccanaaa     120
cgtggaccat ctccgtctcc ggcggggggc gttcgttatg tcgcaagtcc tcaacgtccc     180
caaaactatt tcaacgcacc tncgggaccc agctacctng gagctgatcg cctcaatata     240
acaagcatac accgatctaa ttctcgctcc cgttcccggg actactcccg aacacgggaa     300
cgccgtgcaa gcagcccgcc agctccagct cctgtgatca tcaccaacaa aatctataat     360
gatttgtctt ctgatgatga ggatgatcgt cgcaagaagc aagtatcacg atcgtntcgc     420
cggcgacgct ctcgctcatc atcgtcatcg catcgcatca tcatccgttc tcgtctcggc     480
tcgncatntg catatatgac tcgaaaacat gggaagctga aaaagctcgc aaggagctcg     540
angacttgcn aatttgttac agcgcgtgaa aaaggatgaa ccggaaatta gttaaaccat     600
ttccgtgatg agngggangg cca                                            623
```

<210> 1826
<211> 359
<212> DNA
<213> Fusarium venenatum

<400> 1826
```
cagggaaacc agtgttacct ggctcggcat caccgcgag cgccctatcg agcgatgccc      60
cgagtgcggc agcgtctaca agatggacta cgtcggtcct gaggacgatc accaccacca     120
ccacctct gagtttgagg agcccaagac ttttgccgat tacatcaagc ctgagtaccg     180
atacaaataa atgcattgcg ccgagagaca ttgaggagat tgggctgcag tatcaagtga     240
aaactagacg ggtgtgatgc tgcccggggg gagaggatcc gttttgtgta gattagggtg     300
ccttggtccc tgtgtcaatt tactaagtta gcttgcagaa gttgatgttg aaaaaaaaa     359
```

<210> 1827
<211> 586
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1827
```
cgacgacctc aaattcttgc cctatagaaa gggtctgcta aacaatcacc gtccaaatcc      60
tactctactt ctaccgattg tcgaccattt nccctctgcc taattcattt ancttgcgcn     120
```

```
gcgtttgggt cgacggggaa aattgtctcg tgatttccag gggttccaca gcacatacct    180
tttgaagctc gcgacgaatc tacctatacc aacgtcttaa cctcatatat attaatagca    240
tcgcngactt gtccgcaacc aattgcaaac atgtctgctg ctgtgcgcng tactgancat    300
accaagtctg accaagaact cgccatcnac atcnagaaag ctacaaacgc cgaanaaatt    360
tcccnaacgc aagcatgttc gcgcatgcat tgtctacaca tgggacacan gtctctgccg    420
ccttctggtc cngcatcaag gtcaaccgat ctcccccaca aattcaaana tcaagntctc    480
ctttcaatcc caagggctcc aaaaagtcac cncacccccn caaggaaaca tgggaaaccc    540
cccggatnta tactttaacc cggcttgggc ggggaggtaa aggatc               586
```

<210> 1828
<211> 786
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

<400> 1828
```
ggaggcgcgg actggaccga gaggatcggg gaatgctgcg actctcaaca ccgtcaccac     60
ctanaattct gtcctgttcc tccggaaaac aactgggttt cggaaagggg ccgggcttca    120
ttttcggcct cggggcgaac ancgttactg atctgttagc ttatgtcatc cacgaaagcc    180
tttctcactt acnctcgtgc cttggcaaga atgtcgctga tgatcttctt tgggccagct    240
tcttgctggt ggggtcttg aacagccagt ccagacttct caccacccgc aaacagattt    300
cctcgtccat catcatcttc ggggtcggaa tcgtcatcgt catcgtctcc gtggtcatgc    360
tggtgggatg agctacccga tagatcctag agtagcaatt cctgtctttc tctgttgcga    420
cggggcgctc ttgcgggtcg cttggctgct accacgggca gcttccgggg caggtcgacc    480
atcgagggtt cgaggaccag tgtagttgtc tggaacggga gcgggagctg ttgatgtgtc    540
gcggctatcc tcttcggcgt cgcggaacca ggcgttgctg gcttcggcga gatcccagtt    600
atgggcctcg agatattgtc tggcttcttc agggcttgcg ccgctcaggc ctgcgaattc    660
gacgatctga ccttcatggt ctgccatgtt gatgttataa ggcggggtaa ttggattgag    720
tatgtgtagt tgtttccgat gcgatatgga ggttgaagat ggtccgacga gattaaatga    780
attggc                                                          786
```

<210> 1829
<211> 329
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1 ...(329)
<223> n = A,T,C or G

<400> 1829
```
gccgagcaga tttctgaacc cggtctgttg gtaccaactt cgagcgtngg agtttagnga     50
aatattcttc ctcttaattt tcactctccc atccgttccc taccaagatg ccctcacaac    120
cctcgaatgc gggtatcgtc accgacnaaa acagcggcga tcgcgagatt ccacagtctg    180
ttgcgcaga tggcagtnct cgcagagcta tcanaattcg tcctggctat cgnccacccg    240
aggatgtnga ggtctacaag aaccgcaccg ccgaagcctt ccgagagcgc ggnaagaaaa    300
tcggcattcc tggtgctgca ggtgtgaaa                                  329
```

<210> 1830
<211> 377
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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<222> (1)...(377)
<223> n = A,T,C or G

<400> 1830
cttctctccg ccacgtcaac gacgcaatcc aaggttctcg caggctcggg ctttgctact   60
ttctctgttg atttagctcg caatgtcact tggaaagcgt gagcaaagta cacttcagaa   120
acaaagaana cactgaaaat agatggttcg gggtctattc aaacttccgg acgtgacagc   180
ctcgcactca caactgagat ggccaaattc caagaagact atattgactt ggtacctcac   240
aactggaatg tgatctctgt ctccttaagc gataaccatc acaattgtgc attaccaatt   300
ccaagcnggg catantcctt tcattctcca ctccactcga ncgtnccaat tcccganatg   360
ccgactcgga natctcc   377

<210> 1831
<211> 530
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 1831
ctttattgac cccgatttca agtatcatgg tgccatggga caggtaatcg ctcttctcat   60
tcttgacatg gcagatcgac ccattatgcc ttttgacatg gggtggtatg cgcaaagatt   120
ggttcaatgg gtgaaagacc tcgaaaaatg ggctatcaag cacttggagg ccaacccaa   180
aggtgagaca gacgctttta aggagctcaa ggaagctgta cagctcatcc agcacaacgt   240
cgccacattc gaaaagtggg agatggactg ggaccgcgat gtcttgggta atggaggatg   300
ggaagccacc gacattggcg cgtctcgatt agcatacaat aacaagatgg catactttga   360
gacngcgatg ctggatcttg aaatcggtgg tggaatcccc aaccgcacac aattcaagag   420
catngtcttt ggccagaaac gtggtccaac nacngagcta tctttccttc aatccgtgca   480
gcatagaaga gggggattgg aanaccgcca aacccatcgt tgccaaacgg   530

<210> 1832
<211> 454
<212> DNA
<213> Fusarium venenatum

<400> 1832
ctcattttgt ctacacgctg acccacctca aaccttctcc tgtcaatacc caagcaacct   60
ccaaaatggc ctgcggatcc tccaagtgcg tctacgaccg taacggtcct ggcagcgccg   120
ccacttcaat cgccgaatcc atcatcaagc cctccgaggc cacaggcacc aagaccaaat   180
gcatcgaatg tggtgactac gaatgctgct gcatcccctg cactatcttg taaagaagca   240
tggctttatt tttcacaacg gaatgacaat tatggagttc gtacgaagaa gtgctgccat   300
ttctggtagc acgttctaga agggacaatg aaggatggac tacaatgttt aaggaagcgc   360
tcgtcgacgt tttgatataa cctatgaatc aaatgcaata acaaaaaata aacaaaaaaa   420
gattcaataa agctatatgg tactattatt aggc   454

<210> 1833
<211> 525
<212> DNA
<213> Fusarium venenatum

<400> 1833
caggagctat caggtctcaa ggctgccgct gaggtatttg aggctagaa acaactttgt   60
accaagccta cagagccaat tcctgcttcc tctgaacaga ctgttatctc cgaggtagtc   120
gttgaagctc aagtcgaggc tcagcctacc gagtcatcac ctgactcaag gttggcgagc   180
attgaagagc agctatcaaa cctgaaggct gtagctgagg ccatcgaggc tgaggcgcaa   240
cctgctacca agcctgcaga gccaattcct gcttcgccca aagagcctat cgtctcccat   300
gtagttgttg aggctcaggt tgaagcccag gctgaagctc aggtcgaagc tcaagtcgaa   360

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```
agccagattg agactcagcc tgctgagcca acaagcgact cgagattgac aagcattgag     420
gagcagttgt cgggattaaa ggatgcagcg gaagctattg aagccggcat cagaagcggc     480
aagcaatagg aaagctgtgt acaatattga agctatataa tagcc                     525


<210> 1834
<211> 489
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1834
tcagtcttcg tcactccttg ctccagagat acactcattc acatccttga nggattcaac      60
acattcattc caatccttcc aacggtcctt tccctcaaac caactcaaaa tntttattta     120
acagtcctgg cgacgttaac caaaaagctt caactccaac aactttaagc tcaaacagac     180
aagatgcatt tntctgcctt cctcgcttcc gtcatggcca ccagtgccat ggcatctcct     240
cactataagg ncgtcaccga gtacgcctac gttaccaagg tcgttaccgn cggcgccgag     300
cagcccaagc caacctttnt ttacaanaag cctgctccgg tcgaggtcaa acccacaact     360
ctccgctggg ttaanaagcc canacagacc aatgtcaggc tcccaagccc acctacntcc     420
ccgcccctgt tgaggacaag gagcctgcga ccgaacaacc cgcgaccgac agcccganaa     480
ngaggaccc                                                             489


<210> 1835
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1835
tcgcaattca gaggtttctg gcattcctcc ctacgaacaa actcgtcata ctcgaatcct      60
ccaagaacag tggctgtttt tagcttctac accgatccga actcttcgag ttattgtccc     120
atccgaagcg gcccgtgatt tcaacgtccc gccatcattc atatatcaac ctcgaatgca     180
gatttagtcc ttttcgctac ctaatccaac gataccacgc gccaacgaga aactagtgtt     240
gacttaccac ttagtcaagg gttggaatct catacctacc accaccacaa gcatggctgc     300
cgactcttcc ctcgtcgacc tccatgatgc gtccatgtcc gacgataagg acgacctcga     360
ctctctcccc tccatatcaa ccgacgacat ttactccgat gtttccgact ctgatgcaca     420
agccgagtgg gaacgtatct ggagcagttg cnattgatat tgactatgat gatcgtccct     480
ggatnggtaa atactttggt cgcaagtttg cctactggag ttngtcgcga natatggagt     540
gggngcacaa cgtcaatgtt cgattaacgg ataaaaaaca tttaagggg                 589


<210> 1836
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1836
aggaaatcaa gctcaattgc ccgaatcgag gtacgcctga aaacttccaa gatcactcga      60
aaacgaaaca cctagcgaac acccacagac cgagccatca tgacaccagg cggcgagagc     120
```

```
caaccgctgt ccctgcgacc gcctcctgtc gccgatcgca aacctcgaaa catcgccgaa      180
ttcattgcgc gagttaacgc gcaaccgggt ggctttcgag ctctatcaga agctaaactc      240
agggaggaga ttgctcaaga gaatgcgaca aacgagact cccaagagaa agacgtngat      300
atggacgaag ccgacgaaga cgacgacgaa gaggatcngg atgcgaccag agatccccaa      360
gaagtgcgca tggagatgtt caagaacctt gacatcgcag gaaatacggg cctccttacc      420
ctcgacttcc tctccctcct catttcgaag cagaacccta cacaagccgg cattaccctc      480
tcccaagggc tacgcgacat ggtggggaat cggtacgata ggcgctgata agctcgacaa      540
ctcgcccatt accctagccc aggngccaga gcaggagaat ata                       583
```

<210> 1837
<211> 130
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 1837
```
ncgaacttta cagnggattg gatgggaaaa cttgacgtan ccagnttaat cccctgcagn       60
acatcccntt tcccactggc gtaatacaaa aaaggcncgg accgatcgnc ctttcanata      120
gagggccaaa                                                             130
```

<210> 1838
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 1838
```
ctggcaacaa ggcccttgga cgacttgttt cagtgtcccc tcttctcctt gcttcattct       60
cttcttgaac ccttgatatc ctcctctcgt ttccgacgtc atttaccctt acagagactt      120
atttctttcg aatttgtctt tagttactct ccactcatca actccttgaa ctttgtctct      180
gtgttactgt attctgtaac acagaccttg cttactcttt caccaccact gcaacgtcat      240
tgctcatccc gtcgaattca ttgattggtc tttttgaacc aaagagttgc cctcagttga      300
ccacagtctt gacacttttt cgtcatgtaa actccccgta ccaagcgcca atttgctggt      360
gcttcaaccg atccctctca gcagccaaat cacctatttc ttcaatgcta gaaccccagt      420
tgagtctgcg gctgctgaag ctcagaagcc tctcaagcca gttctcccct caacagtcca      480
ggcaaacctn ctcagcgtcg gtatgcgagt tcgcaagtcc gttcccgaag gatataagac      540
agtcngaact agtgctttca agctctggac agacaatgct ncagtaaaca ccaccn         596
```

<210> 1839
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1839
```
tgtcgctgca gctcgatgat ccttcgaccg cttggctatg gctacaaaag ggcaaagcaa       60
gagcgtttgc tgactcactc ggtgcaaatg tactcatccc cgaagagttg ctgaatagag      120
tagcgaatga ccgggtcgca tgcgagcttc ttaagangga acagggagtt ctcgaaggcc      180
```

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```
tgcaggatcc ccttatcaac tttgttattt ctgcacgaaa gctggcctcg ttgagaaagg      240
aaatgacgga gaatgcgctt ctgtcagaga tcacgaaaat aagggacgga atattagatc      300
tcgaacttgg cgacaagcag ctcagtgatt cactctctaa aaacggtctt cgtcgganc       360
gtgttaaatt tgtcgattgg tatatcccac catcggccga tggcgccaaa ngccggatag      420
tcctcttcgt caggcactta gatggccata ctcaggcgaa acggttgtct gtttcggcgc      480
ccgacgtcna agactgggtt agaaaggctt tcacatatcc ngacatggnc gcaccaccgc      540
taagcaaaaa gannggcaac cgttttctca agaatatgaa cggccttgt               589
```

\<210\> 1840
\<211\> 643
\<212\> DNA
\<213\> Fusarium venenatum

\<220\>
\<221\> misc_feature
\<222\> (1)...(643)
\<223\> n = A,T,C or G

\<400\> 1840
```
atcagaaata taccaggcca agacagtgta actctgacca cgacaaagca ccaagagatt       60
ttcactttttc tccgtcccag ctggccagca tatgaccctc aaggcaagca tgttattcat      120
cctgagcata cccccgatct agatacaagc ctcaaccgac gttggtcaac ataccctgtc      180
taccgtcccg agggccccaa cactgttgct cgcctttcca acgttagacc cagcgttcta      240
tacgtattcg gcggtaagag taatgtttcc cccctggagc ttcaggacga gaagatgact      300
atcacgggaa ccggggtagg tggtagcggc ggtgaggcac agggtcgggt caagaaggtt      360
gtcggagaga acaacggcca cttggtcccc atggaggatc cccgcatgtg tgccagtgct      420
gcggccgact ggattaaagc tgagcttgag cggtggtggg taaatgagcg tacttcnagg      480
aatggtcgag caagtccaag gaggagaaga caaccgtctt aaacgagttt caaaagtaca      540
taggtaaacc tgnaccttgg ccagcaaggg ccaaacgcna aaatataggc cgatagacgt      600
gccgnatgtg gnaatgtcac attgaataaa tggataacat ttg                       643
```

\<210\> 1841
\<211\> 167
\<212\> DNA
\<213\> Fusarium venenatum

\<220\>
\<221\> misc_feature
\<222\> (1)...(167)
\<223\> n = A,T,C or G

\<400\> 1841
```
ggctactcct gctgcaagag gagagtgttg gagtttgacc aattcatgaa gattgagggt       60
tgcaagacca agaacaaaca tttgttcgtt ggtagtggaa agaaggacga cgctagcagc      120
gaggaaatgg ntttcaacgt cagacaccaa tttttatcan accccccg                  167
```

\<210\> 1842
\<211\> 665
\<212\> DNA
\<213\> Fusarium venenatum

\<220\>
\<221\> misc_feature
\<222\> (1)...(665)
\<223\> n = A,T,C or G

\<400\> 1842
```
caagaccggc ggtgacaagt ccaagggcga cactggctac cacggttcca agtctggctc       60
tgaggaggag tgctgtgttc agtgcaccac tgtctacaat gcctgctgcg atgctttggt      120
gccattatcg aganctgnaa ggaggcttac nccgtctgcc tcggttacaa cccatgggaa      180
```

```
cgtcgttccc ttcgtcgagc ctactggtgt gccaagcacc ggaaagcttt ccggcgatga    240
atgttgtcaa ttgtcttctg gcggtgaacc gtgtccgccc cgttctggct cttcattgcc    300
gtcggagcct ttgctctcct ctaaatgcat cgtgcctgac cgagtgcgcg cacactttc    360
gcttcgaagt tctatttcca ctccgttgct attggggctc ctgcgacttc acttcttacc    420
ttcttagtgg gcagcctgtt ctgtgcagtg gatatttacc ttattatctt tcatgatctt    480
atgtattatg ggtgcctttg tcgaatatgt cggcctaaaa tagtttacga tagacacgta    540
tgtaaatatcg acgactggat ggagattctc tgattggcga tggctttggg ctttggggaa    600
cgaagttgta ttccatagtc tttagacttt gtgttcagaa ggtcaattta cttctctatc    660
atctt                                                                665


<210> 1843
<211> 682
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 1843
caatcatcca cttaagcttc agcctcgatc atcatcaccg ctacctcaat caacttacaa     60
acatctttga caatctttgt ccaacaccac ccaacccaac acaatgtctg cccctacttc    120
caccgcttct cccccctccta cctctgacct tcccttttgcc aaccttccct cttcccctgc   180
tcctggtcgc aactccacta ctgctctgtc caagcctgcc tacgcctccg actctgactc    240
tgacggtcag gctcgaggtg gtcgccgcag cagaagcagc agttcgttgt tcctcttccc    300
acctctaccg gcctctctca gccgctggtc aacttctcaa gggtgccact gacgagaacg    360
gcaaccaaaa gtccgccgct ctacttgtcg gtatcaagct cgaccttgag gccgaggtca    420
cttgactgcc cgagtcaang gagacatctg cattggactt tactagacga cggcatgcct    480
tctgcttgac tntaagtcac gtgctaggng atttaatcgc agaacatagc cngngggcat    540
gttatgatga tgaaaggata cctnagggc ctgatttttg gacnacttgg caaacaaatt    600
ggggggttga aaaaacggac gggattnttt taatntggat ggnatatnaa acttggagct    660
atganaaata tcctttgtac ng                                              682


<210> 1844
<211> 989
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

<400> 1844
gctatctttg ctgttgctgt gattgcacgg ttttgcgttt tacaactgta cttatggttg     60
cgacaaatgc gcggcttgga tcaacagaac cttcctgcta gatctatcat ctcgtctttc    120
tcacagcctc gacgactatt ccagtcgcgg cctatctgga caatggatga gaaggacacc    180
acaccaatgg ggcatcgggg agatatcgat gtggaaagcg gcctacaagt catctctgca    240
aagaagacct tggtcatcaa ccccaactgg caaagtgcag ataatgccat gtccaaacac    300
atcatatcgc gaccacctcc ggcaccacct ttgacacctc ctgagttgag cacggctgtt    360
tttacttttg aagaccgtcc ccgtcaggc gacgatagtt tcatccgtca gccaaaccct    420
gattacatgt cttcaactac agacgctatc cttcctccta gctcaggaac agcctcagtc    480
acccgtcggc gctcgtacaa caaaactctt cctatcggaa tccctgtttc tcattcatca    540
caggacatgt cagatgatgc cgatcttgtc ttgtcgccca gctcttaccc atatgcgagt    600
ccgttttac caccggcccc accaaacgca ggaaccacgg agatcggcgt ccagggcgag    660
atcattggtg ttcttgatac cgagggtgcc agctggacaa gacatacgcg tgtctatgga    720
ggcggagtct gccttgcttg tgtagcctcg ggcgggaatc acggnggtgg tttctacgga    780
gcaacagtcc ggccagagga aatgcgatga caggtttaac agtttcggaa cgaccatggn    840
gtaccactgn cagtttatgt ctggctggat atgaatggca cttatggncc ggcatangga    900
```
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```
tccatgtgta accaccgtta ccacttgata ttagaggngg atgngggcca acnacccgcn        960
cttntggggc aaaattttct tttgtnnta                                          989


<210> 1845
<211> 551
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 1845
catcaatcgc tatatcaaca ctcgtttaaa caactccaat ctacttctct ttcgacctct         60
ttctcaaaca aaccccaata aaccaaacca acttcaaaa tgcacggctc cgctgccgtc        120
ctcgccttcg tcgctgttgc ggctgctgcc canacccctg tggctccgt tgctactccc        160
atcgctactc ccggtgcccc taccaacggt actaagcccg gtcacggctc tggctccggt        240
tccggttccg gctctggttc cggctctgag ccctccaacg gcgccggtgc ccttggcctc        300
agcggtctcg ctggtgccct cgcccggttt ttcttgctct gtaaatgtct ctcaatgaga        360
cttttcgcaga gttggtggat atgaggaccc tgtaacagac aaccttgcag ggttctggag        420
gaatcgtgct ggtgcgcgtt taactttcga tggagataga tcgggttttc gattgtcccg        480
actaggatag aatagatcaa tggagccgtg atcgcttcag ctatattaat actaatcgca        540
taccaccact c                                                            551


<210> 1846
<211> 416
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 1846
cggntccttc atcggacttt tctgaggaag gtgtcttaga cctttcagat tcaccatcag         60
gaaaggcaca accttcatta gagcaccaga agagtttctc ggactctcct atgtcttttc        120
actttccacg caaaaacatg acgagcagtg ctcccagctc ttcctttgga gacgacgaga        180
tccctcctct gatccctccc aaagcacgag gccgttctcg ggcctatagc tcaccggacg        240
tggaaaaggt caaggaacgg gttgcgagtg ccatgctcga ggtcgagaaa ctccagaaac        300
aaatagacga ggntatttga gaggcagagc tntatgtcca agccngncag caacttccca        360
ctctgtgggt agaaacatgc cgagtatgag ttctantctg gngacgaatc tcattg            416


<210> 1847
<211> 521
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 1847
ggatcatcag ctcgtgcgag cccagtatcc ctggacatgg tggtttcccg gacgacatcc         60
tcgacgacac gaacctgaaa agattgctcc tcaccagccg cgccatattt ctgttgaacg        120
agaacgtaga cgtcgggta gtagtgtccg tcgcgcgtcc acgagctcaa ccagaagccc        180
cacgcccgcc tttgaagang agcagggcgt tcatngacga tccagcagcg gttccgcctc        240
caagggacga aagaggctat ctacaagttc caagccgaaa cgaccaggta acgattcacg        300
```

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```
ctctgtcaca cctgatttcc cttcgccttt ggctanggag agcagtgcga aacgatactt      360
ctgaatcagg accggaagga ggaaaaggtn ttgaggaatt caccttctag atctactgtt      420
gggtcaaagg acnccgaaat agagaaatag tttaatattt agtgatggat agtattctag      480
tgtactcatg ggattcgacg tatcaaccga ctgacgcacc c                         521
```

<210> 1848
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1848
```
gtaaatcgct tatctcgcga gctatcactt cttcgagctg cccagaacgc ctcggtcgtg       60
tccaacactt catccacctc cgctgcaaac tcatcccatg atgtagccga acagtctctc      120
ctctcaggcg caggcttttc catccccacc gctcgacacc accgaacgtc atcgaccacg      180
tctcagggca ttgccagcca gcagctgtca tcgtcctacg aagcacggat ccacgctcct      240
cgcccctcgc atgctacccc tctctcgcgg caggatagta ccgcctcccg aaggagccta      300
acaaattctc ccgggccgca acacagcagc agcctcgacc cgtccaatta ctttcaacaa      360
cagcgactcc cgcctacgtc gatcccaccg agttccgttg gtgcaacacc cggaagtctc      420
agcgagcaac tgagtcccgg acttatgcca gctaccatgc gatacgagga gacagcattt      480
tacagaaacg agctcgagac tggcaagaag gagaatgatg ttttgaagcg aaagatcang      540
gagttggaga agcangttcg ncagcgaaag agctagcgat acaagtnggn caaggagtgg      600
atagtggcag taccactacg agg                                             623
```

<210> 1849
<211> 689
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

<400> 1849
```
tgattctagg ccttcggcgg ttccatgtca acctaaaaca ctcacatgac attgactgtc       60
tcttccaacc tcgacacgca actgtaaaat ctacgctcga cgactccagc caccgaccta      120
tccatttcgc gccgaaaaa aaaagtacaa gcagaaccct ttggcccaca atgtctaacc      180
gtcagatggc tcgcgatatg caggtagagt ttcaggctcg attccaagcc aaacaggctc      210
gtcgcgaggc ccaaaaggcc gccaagcagg acccatcct caagaagcag atacaagacc      300
tactcaagaa gggagagacc cagaaggcgt accagaaggc caagatgctt ctctccaagc      360
aggcactcgc tcagcagatg gaccagatgg ccgacatggc tgagctgtct gctgcacaga      420
tccaggccaa caactcgatg aatcgaatga cccagatgat ggcccaatca tcgcgaacca      480
tgaacgttgc cagaagaaca ccaatcctga aaagaccctt gtcaccctct gagcaattca      540
aacagcaaaa ccgaagaata cgccttgttc aacggcattt accaagacgc cattacccag      600
tttacctcga cccaagttgg cgangatgct tgtccacgag ctactcggaa aagttgggcc      660
gatgacgctt ggctttgact taacaaagg                                       689
```

<210> 1850
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
```

&lt;400&gt; 1850

```
gatggctcct ccccctcctc agcacaaccc tcacatctac gctcctgtgc cccagcctcc      60
cagcaacatg gcacccaacc tgcgcattga cactcaggca ggctttggtt tggatatgcg     120
ccaatatccc atgtcggcca ccactgcttc ccctgcagag tttcctccca gtccaggatt     180
cttccctcct ggtcccgagg tgcctcagtc taactacaac accccctacg gcaatggatt     240
cctctcgccc atgggcaacg gtgagggcat tcctacatct gtgtctccta tctctttcaa     300
cggcggtgag ccttctatcc tggagcagtc acctccatg tcgatgatgg gacgtcctgg      360
ttcaactgac atgtatgctg tcaacgatgg atcatgcgcc gtttcagatg acggaactgg     420
cctgaacgag atgtactcta aacacaccat caacatgcct atgcacacgc cttctcctgg     480
atatgttcag catcaacang ctgatctcga catggnacaa cttgtgcaat tcgacgcaat     540
tgatccttca aagcctatcc cccgangcaa tgtccacgct caaggaaact aagcaagcaa     600
tactgggtgg gtataagtgt tgatggctt                                       629
```

<210> 1851
<211> 382
<212> DNA
<213> Fusarium venenatum

<400> 1851

```
gaaaacctat ccatgctcca agcctccatg agccctccat cctgtcacat cctagcgact      60
gtccagtatc ttcaatgacc aacaagtcct ggcttctacg ctgtgcgcct taaagatcta     120
ctacaggtcg caccgtcgtt gttgctcagc attgatacat attgctatta tcccacaaaa     180
agaatatcga gccgatacca aacattgctt tgccttatcc tttttccatt atcagcattt     240
cgaccccga tacggtgata agtgcttcca cctgcgaaca tcgacaatca tcccgcttcg      300
atgcccccgg ctcttcctca cctcgtgacc ccgcctgaac gaatgtcgtc cgttaccttg     360
gcctccaact ttgctcggtc gg                                              382
```

<210> 1852
<211> 617
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 1852

```
cgattccctc gcgatagtta ctatggcagc cgccctatgt ctctgaagcc agaaggcaac      60
cagtatgaca cagggtcccg aagcaactat tttgatggcc aggcttacag caacggttat     120
ggcacaggtc catcgcggca acggatgtct agaatgcaat cagagccgca gtaccagaac     180
ggtcacgacc aaaccatata tcccctaccc aacaaggatc gatcttacga gaccgtagct     240
tctgctgcgg gaagcggcca ttcagaccac gcaggctatc agacagatcc cacgagcagt     300
gacaacagtt cgattgatcg gactatgccg gctaagcgcc gcgagccttt caatgagtat     360
gcgtcaagtt cttcccaata ccagccagca aatcagtcac gccctggcc tactcctagc      420
atgaatggca atgccagcta tcctcagatg ccaccacctt cccatgcgca atcagctccg     480
agtcaggacc aggctccggt tccttctcag aagcagaaga acactctttt gaggagaaca     540
tctacacagc aatcagcaca acagccccaa caaacagctg gcggggataa gcgcaagagt     600
tggntttcct cgtaggt                                                    617
```

<210> 1853
<211> 584
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(584)

<223> n = A,T,C or G

<400> 1853
gcctacccc acccgtgccg agcccaaggt caccgttgaa gctagcatcg acacctctga   60
tctttctctc gagggtgcct acgacaccgt catgcttgcc taccacaaca tccaccgcgc   120
gaaccactct gcccccgctc ttgagtggga cgatgagctc gccggctacg ccgagaacac   180
tgccaacggc tgtgtcttcg agcacgacat ggaccaaggg aatggcggtt acggccagaa   240
ctcgcatcct ggggtgctac cagcgacatt gatggactca agaacaaggc tgctgctggt   300
ggtattacca accagtggta cgacagtgag atgtccaact gggctttcta tggccaggag   360
aacccccctc cgacatgaac attgacctct acgtcactt caccaggttt ctggaaggat   420
ccaccaaggt cgctgtccat gtcaatgcct gcggggattc tcacttccct catgtaacat   480
tgcactacac ctcaggtaac ttgtggcgta cggacactct canccnagga acaactttat   540
gttagaccaa nactcnccga tcgaaaggcc ttntctttaa naaa   584

<210> 1854
<211> 502
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 1854
caaactaatc aactcttccg tgtctgcgtc cagcatgtca cacgccggaa aaacgcaata   60
cgattctttc gctcccaagt atgcatctgt tagtgagctg ccctgttcna aacttgaggg   120
tcagcttgtg aggaatgcct tgggggactg tacgggatta aaagtgctgg atcttggngg   180
ggggagcgga cttnatgcta gaaggcgat tgaagctggg gcgaaagttg tggatgttgt   240
tgatatttcc cctgagatga tgaaagccgg caaagagatc gagacaagcc tcggacgaca   300
gggctgnatt cgctggttcg aagccgatgt caccaagcca gtcacagagc aagtcaacat   360
cgaagataat tacgatatcg tgatggcaaa ttgggtgctt gatcacncta cctctgtttc   420
cgaattacga agcatttatg agaatgttgc aanaacttga aggttggngg caagttcctt   480
ggcgtaaggg caaanagtat cc   502

<210> 1855
<211> 396
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 1855
cttttcncaa ccattacaaa gactgtcgct caccgtttga tctagttcat cgtcgacngt   60
aactggatta tcaatcaatc agcacctaac gagcctgatc ntgganggca acgtgaacac   120
ttcgtcactt cccgacaact tgtccgagaa actccnggcc gtcgtattct taatacccgt   180
gacgctacgt ncactgactg gnactatggc cancgaacaa cncottggaa aaacaagacc   240
actganttcg acgaacttat ggccgataag ncctacccaa gaggataagg tggctcttcc   300
aaaacccctt ctngacaatn cctgggtggg tttncccaac naccctttgcg aaacgaagnt   360
ttgacaaaaa cttattgggt tattaaaccc tttttt   396

<210> 1856
<211> 817
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(817)
<223> n = A,T,C or G

<400> 1856
cccacaattc atctcttgta accaaaaacc tacatcaacc aacaaacttg cttccttcta   60
catttgcaac tcaccacata accttacctt tcctaatttg gctgggantt ttttnggngt   120
ggccnttaac gaactataac cgacgaacta ttcaacactt tattttttgg ntggggtttt   180
atcggctacc tggataaatc ccgcaccaat tccggaatac aacaaccgcg actttcggcc   240
caaactcaca taatgtctgg catactacac ctacaacgct acccagtgca ccccgctccc   300
atgtcgacaa ccaccacgcc ggccgaaatc gcagagctcc tcgtctctcc atgtctcaac   360
aagtccagcg ccagttccga tctggtcccc gtaacatgaa cttgaaggat cccgaggctg   420
ccgccatcac ctntttccga ccaagttcga gaccagccga tcttttgatc ttgangacga   480
tatggagttc tgccccggtc tggtgactga gaacgactac gtgtctatct tcagcgcgtn   540
cgagcgttct tactagccag caactttttnc ganttttttc cacgcaacaa cccaacactg   600
gtgnttctgg cttttttnctn aacttcgaca tccccggctt catcccccct tttaccagca   660
tcagccaagc tgaagnttac cagccttcgg tantnggggc ggttgagcat gcatttanaa   720
gggccaaatc gncctatagg gagtcggatt acaaattaat gggccgnggt ttanaacgtc   780
gggatggggga aaacctggcg gtacccaaat taatcgn   817

<210> 1857
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 1857
agcctaatct ttaaattctg actttcgtta ttgattagtt tccgatttaa aatctcatgc   60
atttcacatt gctctctaca tacaagtcat ctatctagac tgaaacactc agtgtaaaaa   120
catnatggac cgccccaaca acgccatata catgctgtcc gaagggaatc acgagcttcg   180
cgtcattcag gaacaataca tacctaaaca tgctcagtca ctggttgatg tgcaatactc   240
aggaatcaac cctgccgata ctcggcacat gtacctgaat atgacgaact acgttgcggg   300
ttatgagttc actggaaccg tcaagcaagt cggtccagag tcccccttca agattggnca   360
aaacatcttc ggcatttccc ttatgtacga ccgtcgccct aattatctcg gcgctcatca   420
gagttatctg cttgcanaac cgttgatgac atttctgcgg ccagaacacc tcgaccccat   480
cacagntgng acacttctcg ctggnggagg acagcgatgg acggtctntt caacgtcctg   540
ggctatgggt tcccacttgc cgattccccg ggaatgaacc taaagatgaa cccccttctna   600
tntggggagg cccaggtagc ngtttggaca agg   633

<210> 1858
<211> 644
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G

<400> 1858
ccaatngqca aaaaactggc ccgttcccct aaacaaagga tttgaccctc cgaagaagcc   60
gtctaacgac gggtaactgc cgcccaaagg gaggtttgca tccgactaca aggctcctgc   120
tgcccctgcc cctgtctctg aagaagcctg ctcccaaagg agggaaccca aagaagagaa   180
gagcccaagc caagcccccg ctctccgatc tcccctcct accatgaacg aagcaagaag   240
ggatcgattt ccgctatggc ctccaagata ccaaggacaa gcaggaggat gaggaaagag   300
gacgatgatg cttcaagctt cgaggagggt ttcgcgacct gctcaagcgc caagctgttc   360

```
ctgcaagcca agttcacgcc tcctgctcaa tcgcaagacg gcttcttcat tcacccccgc    420
aagtcgcgaa agccttcctc gccgggtcaa gactcctact actcccgcat tctcaagctc    480
ccaccacctc ttcttcctct gctcatatca ctaagtgact cttccttcgc cgaagatnaa    540
gcaactgctc caagggtcaa gaccaaagca aatngggctc cttgaccgct gaaggttgaa    600
ggcgctcaan cgcaanggtc aagcactggc tctcaaggac caaa                     644


<210> 1859
<211> 541
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 1859
cgctgtcaaa gaaggagaag accaagccag caacgctcaa cctttcggcc tctcgcgaag     60
aaaagaccca gtcaaggacc tcttcgttcc tctcggctct ccgatctcct aagaagaagg    120
cgatgaaggg catgagcatc tcatcacctc tcatgactcc tcagactggt gaattccccc    180
gccaagaata ccaagagatg aacgcaattc ctccccgaca atatgcccca gctgctccgc    240
ctccggtccc caccaaccaa gtcccatacg gatccccgac tgtcccggcc aagacccacg    300
cgccgctccc gacgccggac atctcgcccg agagtgttct gagtatcgat gagcgcatcg    360
gaaaccagtt gcccctcct ggtcaccacc gacaggtatc gtntgcgcct tcggagcgtg    420
accctgagtc gggccacttc agancactca caggtgccgc tggtcngtct gccatcgtcc    480
cccaagccng gtgcacgaat cccatcttct tcctntctct ccccgcgtcc cccaagcctg    540
g                                                                    541


<210> 1860
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1860
nngccagtgt gctggaattn tgcnctatnt caggtgangg acangattgn gtgcttcatn     60
gncggatat ntcacgnggt actngtgcag atcacaggtt ccntctganc ganatctact    120


<210> 1861
<211> 510
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(510)
<223> n = A,T,C or G

<400> 1861
gtcgttatga atacacctcc cggcgagatt ctcgacaatg atcttattaa ggaatttgcc     60
gatgggtgct cgagcgcctc tcgcagtatt cagggttaca tgacatncga gnatcccaca    120
cccgacaacg atacaatgga gaactcatcg acaccaacga gcagttgcaa actgcgctta    180
accaacataa gcgcgctgtc ctcagcgctc gcaaacagct gggtcttaac gagcacactg    240
actcccaatc gccgagttta accccccagt ttcagcccca acaacagccg gagtctcagt    300
tccaggccaa tggaaccaac actgatcatt atttcggcaa tgcgtcttcc tcaagttctg    360
gtcacaacaa cggcaaaggc aaaganacac attcttactc accccctca ggtcctccac    420
```

- 720 -

```
caaaggcagg caaaggaatt acaagccngc ccacgatgaa tctgccgaga accattcgca    480
gacctcaacc aagcngtcct ggccaaacgg                                     510


<210> 1862
<211> 612
<212> DNA
<213> Fusarium venenatum

<400> 1862
catcaacaca gttaattctt cattgtatcc tcatctcacc tccaacactc atatcaatca     60
ctatttaaaa gtgttatctc acttacacca catcactcac aatggccgcc atcgctaaac    120
ccgctctcgt caagcctgct gcctacccca aggccctccc tgttgtcgta gctgtcggca    180
gcttcgccat tatcgccagc tacgtgagct cccagcttgc caccacatca gccaagttcg    240
accgctcctt tgcaaagtac aacacagtcg agagcgagac caaccgagca agaacctttg    300
acggtgccat cgaggacccc aggacaagtc tcttcaacat cctcggccgt cgacagtaag    360
cgtgcaaata ttcagcgaga aagggcataa gctacagaaa catccatggg gattcgcttt    420
gcataaacat acatacacat acttcttctt tgcgttaagc gttctttatt acgttggaca    480
acctcgcctt ttcaagatgg cgcaggtacg gaaacaacat acatttgggg tatctatgga    540
agattgggaa gagggagcat cgataccata taaatcatat aatctaagca tcaaattaaa    600
ccggtcaact tc                                                        612


<210> 1863
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 1863
ggggccttgc tcttctgttt ctagagtcgg ctcggccgct gctggtgtag tttcgggctt     60
agcatcctcc tccgcctcct tcttctctgt atccttggcc gcatcgccct tgataccgtg    120
aaccactcgg aggccttcag cctgtgtggt tatcgcatcg agctcgcgtt ttcgttgaag    180
tcggacctta atctccttgg ccatatcttt ttgagagacg agaacacctt ccttctcagg    240
atgaccatcc tgaagtccca gctccttgat cttgaccttg ccttcggcaa cttcgtcatc    300
gccaaggaac attgcaaaag cacgccatta gcctcagcga ccttgaactg cgcgcgaatt    360
agcttgacct tgtaagaaaa tcagcctgac aacatgttag ccttttgtca ttgaattgat    420
atgtcaatgc acaatgctca atgacttgat acagctccag actacgcaca ctgactacct    480
cctcagaacc tttccaggcc agaataaagt cactcttgtg cgacgcagcg cttctcncgc    540
acttggctng gatgaganat ttcacgcaaa aatacgacca gggatggnct gcngaaaaat    600


<210> 1864
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 1864
gaagagggtt ggcaacaaca agaaccagcg agccaaaact gagaaggaag acaaagagcg     60
tcagagacaa gaggccgcgg acaaacgcaa aggccgcgca gaaaggcgac gaggagagga    120
ctcagatcct gccgaggaga cgcccectgc cacagtcaaa cccccagcca cgaagagtat    180
tgaggcacct gtcattatgg agacacccgc gccagtcgag cctgtacccg acacacecece    240
tgcgagtcat cagcctgttt caagcatcca gaaacgtggc ggaagaacgg ctcacaagaa    300
aggcaaaggg aggaaccagt atacgagaga tcgagacggg gaaggcgagt cgccagcgcg    360
```

```
gtcaatgtcg cgtgacatac agaagaccag tgacgagccc acgccggcta cccgaaacca      420
acgagtgaac atcgacatgg caagtcgaag ccggccattc accacaagtt gaatatggtc      480
gacatgaanc ggcgtgntgg cgccattatn gattttattt cgaggactca aagtagacct      540
ttgcagccga aacttttgnc agtggacgaa tgagaacacn agttaatggg ggggggtcg       600
cttcaaaaag actattagct ttn                                             623
```

<210> 1865
<211> 640
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1865
```
gcagctgcat cgtgctccat gaaccagctg cacttcatcc aacttcgata ctgtgatgag       60
ttgatagagg ctctaatcga gtgtgctgag gatcaggtgg agatgttggc cnaccatact      120
gttgaggttt ctgacgagat tcagttatca ccttatgaag acgttctgag agcttgtcgc      180
ttagagcggt tcaacattcg cgatttgccc gttttcggca ctcaagaata tgagttagaa      240
cgagctgtcg atcgattaat atgtgtaacg acaatcttgc gcaatttatc gttccctggc      300
gaggcaaacg agaatcattc tgttcttgca gatgagattg ttatcaagtt tctttgcgtt      360
gtcatcagat atctcggcnc gcggatgatg cttctaagat cccanaataa tacgttggac      420
tttatgaagg atgttgttat tctgctttct aacatngntg gcacaataaa gattccagga      480
cgagagcagg ccctttgctt ctacaattcc tcntancatt cgcgccggcg cctaatccca      540
cagtnttgga cggaactntt ttttttttngc aatacgancc aagcctgcac gcttacctgc      600
cccatgctgg tgatgcccta acaaaagtta ctggcncccg                           640
```

<210> 1866
<211> 388
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 1866
```
gcgcatcaac cctcttgaca tgtacaagaa cttctctctc atcgaatatt tcacatcatc       60
atctggaatg atcaaccact ccaacctcac ccgccttcga ccagtcaacc agcgcanggt      120
ggccaagatg gtccgccgag ttcagggaat gggtatctac cccagcgtgc acgcccatcc      190
cgaaatgctc cgtgaggatt tcttcacgca ccgaaagtag accagtcgta tatacaggaa      240
aaaagcaaac gggaaacgag ttgttcctgc actggcgttc tgttgaatgg gatgatgtca      300
tgatcattat ttttgnggtc ttatgtataa cagcctcaaa cctctatgta acatattgat      360
acaattgtca acatccaaaa naaaaaaa                                         388
```

<210> 1867
<211> 470
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 1867
```
cgaaaattct tcctcctctc tcctctcaaa agaagaccaa agaaatccca ctctggaagt       60
```

```
ttttgaactc cttctcgccg atctcgctct ctacaacagt ccatcatgag cgccaaccct      120
gaagcacctg gcgccccagc cgaacgcatc acctctacag cttcaaccat caccgattac      180
gcttatccgt acggtcactt tggtcatctt acacaaaagc aggaggaagc ttttgtccaa      240
tttaagaagg tcctggagga gangggactt ttgaagcctg gtcctcctcc ttctcatgat      300
gaccctttga tcctacgata cttgcgcgca cgacgatgga atgtcaaaga ccttatccca      360
ntttaaagaa acagaaaant ggcgaaaggc aacgacttga atgtgtttta tgataccatg      420
atctcaacgc ctacnattcg ncgtcgcttg tntctcaatg gacagtcgac                 470
```

<210> 1868
<211> 151
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 1868
```
nttnggggga agaaacttcc tccggatacg cccgcagnat ccgctgctct naacaagagc       60
cccatcaact ggtattgctg acaccggtac taccctcctt ntactncctg acgctgncaa      120
ctcggcctat tntgccaagg acagaggtgc t                                     151
```

<210> 1869
<211> 655
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

<400> 1869
```
gatattccct ctctcgtctc acgggattca ctaggacctt ctgccacata ttctcgtaca       60
cgtccggcaa gcccttcgcg tgaagacact gtncgcccat accgggggngg cacgacaaca      120
ccaggaaggc cgactntctc aaggcaatcc tcggccgnga agttctctag tcgtccggnc      180
cccganacaa agattgtcgc atcggaggcg gaaggatcca cgattagctt tgcgccgccc      240
tctagtacag attcagaaac accaaaagcc gggccgtatc gaccgagcta ttcaaggcag      300
tcttctctag gcaactatcc gagcaaatcg cggtccagca cacaaataac gtnnggtgag      360
aacgatagca agaaaatntn ttttgcggag caaccagatt acgagccata ttcggcccat      420
cattctcggt tccattcgcg acgtagttct cggggatctg cacagtacgg aggcgattat      480
ngngatcaaa tacccgaaat gctcgaaaga tatcgattan gctctcacct agaggangaa      510
gcgcangaac caggtcacac ncccangggg ttgggagctt gtnattcaac gaactggcca      600
agcaanactt aacnccttat ttggcaacga attggatgcg tcacanttcc aaggn          655
```

<210> 1870
<211> 545
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 1870
```
cgtctactac cttcgctacg tccaaaacac cgactgcgtc agcatccgcc gctcagacga       60
ttgggatgtc tctgctggca atgttcgtgt cattggcccc agctacgacc tcgtcaacaa      120
naagccctgc tccatgctca aggcttgctg ggcctttggc atcatgaacg tcatcttttt      180
```

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```
cgccatcacc tcagtcgtcg ctttcctgca cggtggacac atgagcgctt ataaccgcag    240
ccactcccgt cgatcttacc actccagccg tcacagncac cgaagccact ctcgctctgg    300
ctctcgtcac aagcaagccg tagccgncct cactctngcc gtgtctacgt ctaagctgga    360
gcatggctgc cgctgcgctt gactcgagtg ccagcaagca cggaccagaa caacaacaca    420
tcgaggatac cggctttttg ggcgtctacc ggctcttcca cttatattca tacccnaata    480
ctacaatacc cagcccaatg actggcaaat ggnagntttc gcaagctctt canctttgtc    540
cgttg                                                                545
```

<210> 1871
<211> 415
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or C

<400> 1871
```
ctaccagcca gaatctcgtc tccagcccac gatgcttgcc acgagagtac tacgagccgc     60
cgcgggcgga cccaagccca acatcactgg cttcaacatg cgagcgttcc aagcatccac    120
tggccagcct ngatacgatc cctgggagcg aaatgaggcc tggcgatacc agggcccta    180
cacccgctgg aaccgtctca agagcggttt ccctggtctc ggnatngcga cagtcgcctt    240
cactgtctac tgcggctacg agtatttctt cctcgaggac gagcaccacc atggcgagga    300
gcaccattag agtgggcatt tacggcagac gataaagcgg gaagatcttg agcactgttt    360
gggtgtgggg aagtttgtca tatacctcgn aagcgagaaa gngtcaccng attac         415
```

<210> 1872
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 1872
```
gccgaggtta aggagtccct gatcgaggct ggaaaggctc ccgaggctgc tgccaacact     60
tctgccgtcg aggacaagaa gctgtcgaga gcgagctctt gaaggaagtg aagcctgtta    120
ctggcattta cnattctgtt gttgagcaag agcagcccaa ggacgaatcc aagcaggtat    180
ctcctgaggt tcccgcccan gtcaaggatt ctattgctga ngctggcaag gccccttaag    240
ctgccgccaa cactgaggct gtcgangaaa anaagcttgt tgangctgan ctccttaaag    330
aaatcaagcc cgcggccaca attgatgaaa ctcctcaggt tgctcctgaa gtgcctaccg    360
aaatccaaga ntctnttgtc aagcccgtta cnccctgagg ctgcacttgc accnaaactt    420
cganaacaan aaggaagtta aactcaactc ctccaggaag cnaacttgtc cctctntcng    480
aaacccaaac ctgcctttna aggccancct nactctctgt cagcctcagg aaaacaaaat    540
canaactgtt tctcccttcc nccttttttc ttccccaaaa aaccaggccg aag            593
```

<210> 1873
<211> 810
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

<400> 1873

```
agaacttnca tccaacacaa cacaatcaac atcaacatca acaactaccg accatcttta        60
ccaacttcca agcatttaag tttataatcg acaaactttg gcattgtaac gaccgggcaa       120
tcggccttct acttgacaac tacaaactca ctcgattcga ttctttggtg tcgccaataa       180
cgatacctct acacataaac actatgtcgg ctcccggcca gaataatgtc gacttcgacg       240
ctctcctaga tcttaccgag tacgatagct tccagtctcc ttctctctca ccagccggca       300
catcaaaggc taccttcaca agccctgtaa ccgctgccgt tgctgctccc attaccacaa       360
ctgcccagag cttgagcggt cccagtcaca actatgacat gtaccgacaa cagacaggct       420
tcgtccctgg agctatcgcc agcaccatgg gggttaacca gaccaacaac actggttacc       480
aagacttccc gtagcttgga ctactctacc ttcagccctg aggctgatct cttcgacttc       540
aacacctctc ttacaaggna ccatgggcgc atcagaaatg ggacatggat tttgagtcac       600
agaccgagac acacaagtct tactgttgac ccagcagtat cgagcaggaa atgatggcct       660
tctttgccgc agtcttgcca ctcagaccac acgtcggcga ntttggccgg ngccaatcca       720
ggccgccttg caaggttagg ctaacaggac ngagnaccgg tcnttaaaga caganttaag       780
ccgggattaa ccaagtttgg gggaggtctc                                        810
```

<210> 1874
<211> 336
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1874
```
ctgaactgtt agtagagttc aagagggaaa aaaggacgaa agacatacgc atcaacttca        60
tcctttgtag gataagcacc cattccgagg atnccattct cagactggat atncacagtc       120
nagtcggcag gcttganctn ttttgaagct cgtcttgcna tacggtttcg tcgntcttga       180
ncttcattgc agcctttggg ggtccatcct gaccctcctt tntcaacttg aggacctcga       240
tattnttctc ggcggnggcg gggacnattc natcgacaaa aatgccgggg aggttgacat       300
cgttggggtc gattccccaa cttcacaatg ttctcg                                 336
```

<210> 1875
<211> 166
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 1875
```
nttnattcct gcggttttct ctnaccatan ctacgaanan tatccaccca nnactttaca        60
atnatcaaaa tggttntact ggtgattgct ttnatctcga tcctaagggn cttcctatta       120
tgtanntgga gagaggccta ccgntgaang gcggtttttt gncatc                      166
```

<210> 1876
<211> 599
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 1876
```
gtggatgcgt tttctgcgtt gaacgtgtta cagaaaactg ggtggctcga ggaccaagga        60
```

```
accacacggc ctctctacag ggctttgctt cggaaccggg atcttattga cactgcagcc    120
tccaccatag atactatgca caaggagggt cctgtgcctt tggatgcggt catggttaca    180
gtcgaggcca tggctaaaac ccgaacttcg gaggctgcca tgccactctt tcgcaatgca    240
tacctcctta gcggcagaag cccccggttc agtaatattg gacatctagt taagcacagc    300
gtcaaaacgg aaacaaagta tgagcttgca aagatgtgct acgtcgaact atccaaaacc    360
aagatcccta ccacgccggc atcagaaagc gaccaggctg ctgcgccagt gagcccatat    420
ctgataagac tacttctgaa aaagaaacca ataccgaaac tacactccca agactgttgg    480
agctgaaaat catgcgcact caacnnatat acatatgtca gagtagcact tgactacatt    540
agctatggta tncaactcat gcncatactc actcaaagtg tggaaaagcc gatcaccta     599
```

<210> 1877
<211> 543
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 1877
```
gagaattaaa ccctgctcct tcttctgaat cagaacaaac ataagggaca gcagcaccta     60
ctaaggtacc tactagacac ccactccgct agacacccac tgtacgatct acccaatacc    120
attgtaacgg gcgcaagcct ccgctatccg gccggtgacc gaagtgccag tgcagtgcac    180
tgcagtgcag aagcaaacca ccaagaacgg aaccaagatc aaagagaccc atcgccaggc    240
cagaccagac ttgcttggcc agtccccacg attttcgtca ccgcaactgg gtctggggag    300
gtctccgttg ctccaacgcc accacgcctc gaccaggctt agatcatccc tggcctgcca    360
ttgtaccgtg ctgtacacac ccaaccagaa ccagatccga aagccacacc cacaacncac    420
accaacaagc accggttacg ctacgtnctc tccngtacgc tagaactacc cccaacanaa    480
ctgtcccctg cccaagctta ncccaagggg cccccggnta tcactactct gcttnatcat    540
ccc                                                                 543
```

<210> 1878
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 1878
```
cgacgtggtt aaaggtatac ttcatacgat attctttcac agattctttc cttctctagt     60
tcctcaaact cgtgaagttc tggacctcac cctcccctat gtggacgacg atgagctcga    120
gaccatgata gagcagcgcg tcgcggcgtt tgagcgacag atagacacac agcgctcatc    180
cggcggaaca aacaatgttt ctggtggaag cgcgaccggc gggcgcggac agatggttgt    240
gcagttcttt gagaagcgcc ggcgcaaggc ttggttatct cgtgggatg aagaggtttg     300
ctgggaatgt tgqacqatca aaqtaaccqt cqaacqaqcc caqaacaqaa aqcqaqcqqc    360
caaggtcga cgcgccatgg aacaaaccct tctaacgacg gagatgaaaa tggtacgttc     420
gcaaacactc ataagaccac atccaccatn accaccaagg gacgaacccg ttccatacaa    480
gattaatctt gaccagaagg aacacaggct gggcaacacg atgcgaattt ctgaggaacc    540
cgtgaagctt gaaccagact gagaatggct aaggccttnt gtatcaaatc acaaggntna    600
ggtggcctan tcttgtcgat tgcaatn                                        627
```

<210> 1879
<211> 537
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 1879
ccaggccaga cagggatcag accgaagctc ggctcccgtc ttgcttgatt cattatctcc   60
tcttgttctg cctttgcttc tactgctcct gcgcctcttg cctgcgtgcg ccgcgccgtt   120
cttcttcttc tcctcctcct ctaaatctcc tcttttcggc atcttactta ttgttcctat   180
tccccttact cgcgatcaat tgtgactctc tggccaaccc taccaatgat ggctagtcgc   240
taaagttggg atcatcattc ctttactcaa ccgttcaatc cacaagctca acgccgatcg   300
ccgccgccct catagactac ctcactgtag ccagaatggg ttgctgtctt tctcgttctt   360
cggggcccaa ctcaccttac ccgggtggcg cacccaatgc ttcatcngcg tgctatcaat   420
cctcccccgc tgtccctccc tgaagccgct aaaccacaaa tccctgccga aaagaatcgt   480
cagcgtcgtc gcaacgaacg tccctttgga accagcatat ngacaagccc ttggcgg   537

<210> 1880
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 1880
aacgaccaca gtcttgcatc tcgactatcg cagtcatcat cccaggtccc attttcgacc   60
atcgggaaat attgtttctg acgtgctaat tctctttcaa ctcggctcag atacaccgcg   120
accgacaatt cttccgattc gagccagctg atcgtcgacc tcaaccccca agatgtcgtt   180
cagtttcgga aacacaagct cttcgggcgc atccaacaac aacacgacgt cgagtgcgcc   240
ggcatcagga aatcttttcg gtgctgctac tggaagcccc ggcttctcat tcagctccat   300
cggtggtccg ctgncggcaa cagctcgaca cccgctagca acagttcagc aacttgttng   360
tgggtaacaa agcagcgcaa cagacagaag cccgttgggg gtcttttggt ggcgggcgaa   420
cgcgaccact accacccctt cttcagcgga atcttcggcg gtggcagctc tactactctg   480
cgacaagcgg cttttggaga ngtnttctac tacacctgca gcaccacagt tcttttagcg   540
gtggatgttg gcggcggcac tgtagtctac tggcctgttc ggangatgtt ggaaccagga   600
agaacgcaag caacctgcgn tatttttgga g   631

<210> 1881
<211> 729
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 1881
ggaattttttt tttttttta aggtggttga acatatggaa ttatggtatg tttaagaaat   60
ttatcatatg tagtcgtagg taggatgctt taagcatcat cccattcgaa atgcacccca   120
acgccttcca atgctatata caagtaactt gtgcattgtt caaatcggtc ccaatattca   180
agtacccatg tataaatgct gttatcgaga ancggtaccg tcaggtcttg ctcgttcgaa   240
gttgatcgaa aagatcagaa tgttgttggt atatccttta cagtctaccg tcaaaggcat   300
actggcagcc aaaggccagc caaggatgac agcgaagcca gggaagaaga agagggcttg   360
gctgccaact ctcttgaaca tcttggcgta atcaggagaa gcgggcttct gagttcgggg   420
aagacgctcg aaggggtgag attccatagc tcggccggca tttcgcatcg cagtcaggag   480
agaaaactgg cgagtctgaa cagcgcgggc ggcagatcga acaacgatgg aagacatgtt   540
gattgattgg gttgatttgt ttttttggtg gaaagttgta gttgagttga ttaagtcaaa   600

```
gacttaataa agtgatagac tcgaagaatt gagtggcgat ttggttggag tggagaagtt      660
gttactgctt tgatgaagct gttgatggtt gatgattgtg atgagaggag aagactactt      720
tgggaacgg                                                              729


<210> 1882
<211> 701
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

<400> 1882
gggcaaacga ctattccgga cctcgtcatc accctcaaag cccccctcgg cacctttggt       60
ttctttgaaa cttcctacgt ttatacgacg acctgcagag cctgtcacag cggaaatgca      120
agaaggaacg gaggggcaat ccacacctat tagtcctgcc acacagcccg agccagaatc      180
gaacctncgc cgccgcccca actacaactc cgaaaacgag gagacctagg cccaagcgtt      240
tgaatatgct tccaacacag ccagaaaatt ccgagctgag tacagagcca accccacgac      300
gcggtagccc atcttccttt gctcgacaac gcatgcgcga aattgcagcc aagaatgcac      360
cttttgacga tcccgattct caaagggcag cgtggttgcg agcgctttcc aaggtttttc      420
ctggctattt ttaacccagc ttggaatgtt ttcaaatttc ggcgacaact catgttgcat      480
ttactggata ggcatggctt tttcggggtt ttgtgtcatg aacaaggttt tagggatggg      540
cttgatccca tggacggcaa ttgttttttca cgactattat taggatttat tggtgcattg      600
ggtagacatt aatgaaggct gttggctcgg gttatgatat tatatatatg caancagggc      660
gacaatncgc cgtaangagg tagatcncat tgnaatgttg g                         701


<210> 1883
<211> 357
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 1883
atcactattt ttatcttctg tcacattttt ggacctctac ttttcaggtg ttctctgtct       60
ggacctccag ttctgtgcga aaccgtcgat aaagtaaaga ggacagacta tcgacgattt      120
tggacttttg ctacgattgc cactttaccg ccaaatatcg aattatctaa catcctaatc      180
aagaaccgaa gatgaacgcc cctgatcgtt tcgagctctt cctctcggag agggtgagaa      240
gaagacgagg agaaggtctt ctntggaatg tccaacacct ngactttgtt cttatgaagg      300
aagaccacct tttgggaacc tcctatccga gccccttaag aggcacccaa cgccata         357


<210> 1884
<211> 447
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 1884
ctttccacca ggcgggcctt cgggttcagt gtcgagggca agttcctcca agatgccacc       60
tggcttcccc ttcttntttt ggttacccca gccccaagga tccccagctt ccttaggttc      120
ctcctcgggc tcggcacccc atagcgctga tggtttcttg tccttttgg ttccgaatcc      180
```

```
ccaagcatca tcgtcatntt tcatccccaa gtcgcctgtg ctgcctttcg gtttgnccca    240
aggattatct tcggccttcn attctggcgg cggcggcgtt ggtgctggtt gtggttcatt    300
cttcgatccc cctccccaac cccacccacc accaccgaat cccaattttg cgccccagct    360
ggatatgctc ttgttttctg gagggctgag tccganatcc aatttgcttg ctccgaggct    420
gatattatng aaagtcgtan gaggctt                                         447


<210> 1885
<211> 599
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G


<400> 1885
cagggtcttt taatatctaa gctaccaagc cacgggacga dacaatctag cttggcaatc     60
tgtttttacg ccttcttcca actttatcct catacacaag caacaccact cttgcacaaa    120
caatacacac aaaatctttc ataatggctc cttctactac tgaggatctc gtccccgagc    180
ccgtcgccgc caaggagacc accctccctg agcgccctgg taccgccctc aacaccgccg    240
agctccaaga gcttgccttc accgacaagt acagcgcccc cgatgctac atcaacgaaa     300
agaccgatac tctctggttc ccttggatcg gaccattga gctgaagccc cttcgcatgg     360
agaacanaac aggtaccttt gtcgtcggtc tgcnatcnaa agttgctgcc ancctgggca    420
ggcaccgaca ccaaagtacg gttacagcca caccatgtct ggtgaagggg agatcaaaaa    480
atacactggg ttgccctccc ggcnattggg tttggaaaac ctggcgtctt ccacaccttg    540
tctgtcaaga aaaaacgata tgtctcntat tccgcncanc aattcttaca acaaaaatt     599


<210> 1886
<211> 327
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G


<400> 1886
nggctggaag cgtaaggtcg tcgactacgg aaactacgct tttcgtcgca tcccctacga     60
ngaatggggt ctcaagtcgg tacctcctct atcttcgaaa cgtcgtngcg aggatatcca    120
aaccaganga aaggtagagt tatgcttccc gagctccgtg ataccaccca gcaaggctga    180
aggtattctc caaacccttg caacggancg tcagctcttc acaaaaanaa gcttgtctgg    240
tgtttgtggg catncaatta ctatcccgtt tgcctgatac catcatccca accttccctt    300
cttctactcc tttacanaac ccggttc                                         327


<210> 1887
<211> 1239
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(1239)
<223> n = A,T,C or G


<400> 1887
cttgcgatcc tttaattgct ctctctacta taccaaacta ttgcaatact tcactcgata     60
atacttgaac acaaaggatt acaagtcaac accttcttgg gttaacccct traacactac    120
cttctactac actcatacaa ccacacatca ccgcagccat gggcttcgat tcttgggctc    180
```

```
actctttctg ccttgcctgc gacaagcaag tgcaatcgtc ttctgatgcc tactgctccg      240
agtcttgcag actgggccga cttcgagaag acatcaacaa caacttctca agccaagctc      300
acccggcctc acttctcctt cctgccaatg gtcatcgaaa tcctctagct cgggcttcta      360
cctctccccc gcctacgatt tctccaacgc aaagccatac ggatcaaggc acatgagcca      420
acccaccttc aagccctacg gcactgagtc gactggcaac caccgatccc ttaccccctc      480
cagctcccac agcagcctgt gctccatgca gagcacctca acaacaggga gagcaaagcc      540
aactgtttga caaggcgagg aaggaactcc gagcgtacgc tgtgtctttc gacaacgtga      600
ggactcagcg acgacgatcc tactaagcac tccactacta ctcaacttta accacgacat      660
cttacatacg aaataacacc taaaacatat taccacgcaa cttattcaac acacacaact      720
tattcaacaa ctcaaacatc attgcatcaa cacaacgcct caaactcaac ccacacctca      780
acgccttcac atttccttat cttgtcgaag aatctattgt accaaagaag ggcattatac      840
cggagcactg cattaaaaaa aagtttgttt taacatggat ccatgacgat ttcttttcat      900
catgtcaacc atccttttac gggngggat catctggggc ggttctttg tccatcgggg      960
ttcatggata tgaaccccaa gcaagaaggg atatcttgta ccaaatacag ggcggattga     1020
tatcacatga agtttcggag catggattac gggagcacgg gaggttttca tgataccggg     1080
atacgacggc tggggacatt tgggtcaggc gtacaggacc gaccaggcaa aagccggtc     1140
gatggattat tctattggga ggtataactt gagcttttga ctacggggca actggggcat     1200
cgacaggaac tgngggggaan actgcactca ctgcncaag                          1239
```

<210> 1888
<211> 583
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 1888
```
cgaaggttgg cgaggaaatg gcagctgaag acagcagacc tcactacccg actatgcntc       50
atctatccgg aatgccagct ggtcctccct ctacactgtc ggactctggt aggttgcatg      120
cccagggggcc gatgtcttct cccggaatac aacctcatca ctctggtttg ccgccaagcc     180
atatgacaag tcgccagcaa ccgcctccac cacaccatca aacttcatat tctcctaatt      240
tgcaagccgg tcgaccattc cccagccctg gaccccaaaa cgacaatacc acacactggt      300
cggaaacact acgaagacaa ggcacaggtg gatctctctt ggcgtagaa ggacaacaag       360
cctttatgac acttcctgga aacgaaacac ctatacccgt tcatatggac ttttctcatg      420
cgtctaaaaa ggcagacgaa aagagacacg aaatgccgtg gcttcaacga gacatcgaag      480
gaaaaagaag attatgcagg aggaaaactc aaaacaattg caagaactcn ggatganaga      540
cggatgatgg aaatcaggat tgaagaattg accagcagcg ana                       593
```

<210> 1889
<211> 590
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1889
```
cctttttctc ctccctacga catcgcgtgt atttccttgg taagcggatc cgggaggcag       50
cccgatcacc gccagacgat agcccatcat gtccggacga tacgaaagag tcaacgccca      120
agacgaggaa gacttcagca ataacaataa cancaaccgg atgtccacag tcccccccca      180
ctgccacca ccctcgtttc actttcgagc cccctctccc cagcgccagg tcgacaacac       240
tctcgccgat gcctttgacg atgacgacga cagtgacgat gacgttgacg accgacagcg      300
tttgatcgca caaaactcga cgccatcatt cgagacggcc aatgcgacgc aaactcccca      350
accggctgtt ccggcaccag cgccatctgg ctcaagatca acaagaattg taggaggagg      420
ctcaggatcg gatggtgttt ttgccaactt gtctgcgcgt ccagagcgan gcaacgctga      480
```
                                                                      - 730 -
```

```
tcccgagaag gatgaactac caccgtctta cgaacaagct gcggccgatg ctgctcctcc      540
atactgggga aacaacaatc ctcgctcctg gcatgggtgg gcccgacaaa               590


<210> 1890
<211> 482
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G


<400> 1890
ctcgcatatc acaaattgtc tagttgcggt tatacagcgc gctgctaact tatataccca      60
tctactcact gaataagatg ctgatctcaa ttgactcgat tacatgagtc tgcactaatt     120
atcgatcaca aagctcaaat tgttctgttt tgttgtcata ctcgagcagg cttcacctat     180
gattgaagtt gaaggtcgtc gcttgaaggt tgtttgcaat ttatggaagg agtcttctgc     240
gtcgatgcac ccacctgtag agatgattca cttacacaac tccgcactga tctaaactcc     300
ccatcatcaa tcatccatca cataatgaan aatatccttg nnctatgtat cctaaaaact     360
acctcctnaa tctntatccc aacgctctga tggttganag aaccggtgcn nactccccnn     420
actcctgggg tcattngaac accgcttcac acaganccga ntgccttgan ggtgcctttc     480
ca                                                                    482


<210> 1891
<211> 623
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G


<400> 1891
tcgagcccag cctcggcacg tgtgcattgg tgcgtgatga agtggttcga agattgacag      60
ggtctcaaca accgcagcct cctctgccac cgcctcctcc catgatgacc cacgaccctc     120
ctgcaatccc tccacctcag ccagatcaac caatatacgc cgatgacgac cctgaagttg     180
ttctgcagaa tgccttgcgt cagcttcagc aggaagagca ggccgccgag gagcaggctg     240
cggctgtgcg tgaggaacgt gagcgtgcgg aacgagtcgg gctccaacaa aacagtatca     300
tgaccacacc tactgcgcgt gcctcttctg ttcagcgctt cacagctacg ccggcccatg     360
acttgggtgc tgatctcaca ctcactccga tcgcatcgga gacgcctgtc gtcgagatga     420
acggccttga gatgcccctt tgtgtcaatc agcgcatgct acgcaccatt aaggaagctg     480
cgagcatatg tctactatgt gtgngtgatt aatgatcgtt tgggcatacg ggcgtttag      540
ctttgcaaat ctggcttcca taggagttga attcggtaga cgatatgatt ccggcaaaca     600
tgtttttttnt cncaaccnca att                                           623


<210> 1892
<211> 588
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G


<400> 1892
ccgcactata acaatggcgg acgangccgt ggtggacgtg gacgtggata tcgtggccgc      60
ggtggccaag gcacaggcgg tcgangtcgc ggcccgcccc gcgatgtcca atcctaatat     120
```

- 731 -

```
cacatatact catgcatggc gttaggtggg cgagaagggg ggtttacgga tgaacttttt      180
tcgacatgat tttttttgta ccgggacatc atttcagttt tggattgtac attattcgca      240
tattttccgc gaatggagag aacggcgaaa cggacttcat tgcccatgga tcacaaccac      300
ttcgagactt ttaccatgga tcctcacgca aggactcaga aaaacggcac agacctgcat      360
ggttcacatg ttcttggaat gatagcctta gtggcttcct tggctcgagc ctgtcattct      420
gtaccatccc catcagcttt gatattctgt ttggtttggt tcatgatatc tacggatgat      480
gaatgaganc aagaaatgga acttccaagg gaaaggtgt tctttangca tcaaccacgg      540
tagacatacc cgctttgggg ctggcacagc caactggtgc gggaagaa               588
```

<210> 1893
<211> 850
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(850)
<223> n = A,T,C or G

<400> 1893
```
cactatcgtt gtttttgaag catctacatt cgatcttttc accttcgttt tcacgtccaa      60
cccgatacat tcttttttat tactcaacta ctaccgctcg ttaataatat aaaaccttca     120
aaatggttcg atctcttgct cttttcgctg gcgccattgc cactgtcgcc gccgcccaga     180
caaccaccgt caacttcttc ctccccggat tcgatgatca acctctcgtg ggatctgtcg     240
tcgctgtcaa gggtgaggcg accagtgtcg ccatcaactg tcgtgaggga accgacccca     300
gcgactgcgg catccaggaa gagcgcacta ttgttggtgg tccctccacc atggacatca     360
gctactccta cagccctccc gaggagtacg gcggtggtct cattgatcaa agaactggct     420
gcaaactgga ccccaagaat gatgtggcct tttgctctgt tgaagcaaca aacgtcattt     480
ctggtgttac cgagtctatg gccacctcaa ccgctctcag cggatacaag caactcatca     540
tgcccatcac catcactgct ggcgccgaaa anttgaacgg tggtgacctt ctgccactgc     600
ctctgcctct gactccgagg ccactactgc gacaagccca aggatactgg cgctcagcta     660
ctggttnctg ccactacttn tggagctgac gctgatgcca ctccctntgc cgttgagtct     720
gacaacctgc cggccccatg atgacccaaa acctattctg gctgccgctg ccatttgtcg     780
ggggngctgn tgccatnttt ntttaaangt ctccnccaaa aggaaatgaa tatttggtaa     840
cccnttaacc                                                            850
```

<210> 1894
<211> 898
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G

<400> 1894
```
tttttttttt tttttatga ttaattaagt tattgtcata ttgattttcg actcgcgtcc      60
tatacactta agtcggacct tatccaaaag gccatgatcc ccgtcatcta cacatactcc     120
tcattcagat ctattaaaaa gttgtactcc aagggttctc aaaaggataa catatacatc     180
ctagcgtcag aaagaatgcg gcaacccgct atgtaaacac caaacgccca tcgtcatgct     240
ttgcgtctct aacctgtact tgcaacaccg ataattttcc ccatgattgc tcccgttcaa     300
atgctgcgcc tctccaggtg gatgccgatt aggtaagtgt atatattcat ttcgatcttg     360
cggggcttcg taatttggtt tcaaaccaag tttctatagc cnaaaagcgg ctatgtccgg     420
cttaatgcag cttggttggc agcctgagcc gcctntggtg gcaatctgct tctccttagg     480
gatagtaagg gcgttgatgc cgaggtagtt gcagatgctg gtaacacga gccaggccca     540
gcggaaatac acaaccatgg aaaacataag ggaggcccac aggtagaaaa gctcgaactg     600
ggcgctgagc tgagggagtc cgattcgggg caagttggca aggatagcac caccaacgag     660
aggtacagc atgaccgggc caccaggga aaggctggtg tgtcaagtgg gcgagaataa      720
tcttggttgt caagcgacca aagacaaatg acatgataaa gcagaaaagc atgaggtggt     780
```

```
tctcggatcg aatggtgctg taggggagga agacccaagc agcgattgag anngtgtaca    840
cacccatggg aatccactcg atgaagacag ggagaatggg ctctccccga gacccncg      898


<210> 1895
<211> 512
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G


<400> 1895
acaacttcca tttatctatt tacttgtcat ctcaattctt ttctatagaa cttgcctttc     60
tttcttcttc ttccccatca tggacagttc ccgcccatat gaagtcgacg ttgtcggtgg    120
tgaagataac atctccatcg tcagcttcga cgacatccat tccagggcca ggtcgaattc    180
cagatctatg cctccgcctc cgatggcgcc atttcaaggg tattatcctc ccgcagccag    240
atctccctgg gacaaccccg aaacccttta cccaagacaa gagatactta aggtcaatgg    300
caaggtcccg gacgtccttc acgccatcga gtattttgat tcgcgtgaca gattataaag    360
cgtcgacaaa gcgctcgggc tttcaaaaat gtaccccat tctctgcagt catgaagaag     420
gtgaagtcga tggcgagact ccaatgacaa ggacgcctgt ttgggaatct tacagagnct    480
atccgctaga acacagacct caaccggccc ct                                  512


<210> 1896
<211> 666
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G


<400> 1896
ctctatttaa gcaaacacat ccaatatgaa gctgcagact atcaccactc ttgccctttc     60
gggtcttgct gctgctcaga gccgtcccaa ccttactgcg gctattgaat ctgagaactc    120
tactctctcc tcgcttggtg ctcttgtcgc cgctcagcca agccttcttc gagaccttgg    180
ccgtcttcga aatgttacta tcttggcccc aagcaacgat gccctcgagg agctcctcaa    240
ggataccacc gtcgctcgca tggtcgatga caaccccagc tttgtcgcca accttctgtc    300
gtaccatatc ctaaacggca cctactatgc cagcaacatc accgacatgg acgcacctgc    360
cttcgttcct acccacctga ctaactcgac atatgccaat gtcactggcg gacagcgcgt    420
cgaggtcatg gccatgaacg atactgtcag cttctacagt ggattccgtg ctcagtccaa    480
tgtcaccaag gctgacctca acttcactgg aaggtgtcat tcatatcatc aaccgtgttc    540
tcagcatccc ccaaaacatc tctgatactg cgtngctgcc aacctttncg ccgctgctgg    600
cgccctcana aaaaccaatg gtgngaccaa ctnaacaacn aaanaaacgt tcttgttttt    660
gtncct                                                              666


<210> 1897
<211> 583
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G


<400> 1897
ctctctgatg ctaccgttct tttccgtgac atggctggtg atgccgctac caacgccgct     60
```

- 733 -

```
gcccgtgttc gaccctctca ggagcagctc cagcagctcg atgagcctgc tcaagataac      120
gtctggcacg aggcccctga tttctccaaa gagaacttca agcatcaggc caagggcatc      180
tatagcggaa accccaagca ggatgctaag gacatcgctg ccgctggtgt caactctgcc      240
gccccaggac agcagggtaa cctccagccc aaccagagtg cccaacctca ggccaccacc      300
ggctcgagac tggcaacatt ccctccactg atgctgctcg tgacgccgct cgccaaaccg      360
acccccaggc tggcaagagt gccgncaagc angtcgncga gcaaaagctc gacaacaaga      420
tcngaccctg agactaagga gaacatnctc cagcgcaacg aggagtaccc ggcgnaaggc      480
tcacgactac tttnacaaga anatgcctta agagcgcaag gaccagacta tctggcgcct      540
naagaagatg attcttgagt gccaacaagc acgaggacta ctt                       583
```

<210> 1898
<211> 120
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1898
```
nganactgat actactaggt gttctttact taacngagga angcacaanc attgntcttt       60
gtcncgctnt attcaagaac acanttctat acttgagcgc tnggaggact gtncatggaa      120
```

<210> 1899
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1899
```
cttcctccca aattcgcagg gcaaaagctc caattcgccc atcctcccgc ctcaaactca       60
ggcgtcgccc acacaactca caccctcgag ttctacctcg actactgctg tcccttctcc      120
gccaagatct tccgcaccct ccgctccgac gtgatccccg ccgttaaagc ccatgagcac      180
tgggcatcga gcctcacatt tatcttccgc cagcaggtcc aaccatggca cccttcgtca      240
acgctcatgc acgaggcggg cctggcagtt ctgcgtctcg cacccgagcg cttttgggac      300
tttagcgcag ctttattcga ggagcaaaag gacttttttg atgtgtctgt cgtgaacgag      360
acacgcaatg atacttatcg ncgtctgggc caagattgcc gnaaaagacn ggcgttgttg      420
aaacaaggng tccaactggt tgggattccc gcaangctgg tgatgatgga ccgttgatgc      480
nggaataag gttccaacga cctaaggtnt taccagatga accgctgatg gcgnnatatt      540
acccacnntg ggttgacggg tggtnagang taacttggtg gaacaaaacc atgggtgagg      600
gttgnaanaa tttgctgctc cattgg                                          626
```

<210> 1900
<211> 650
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 1900
```
ccgataagaa gtctttcatg cttttgcata tgctaatgaa gcctgctcat ataattgacg       60
gagactcaat tgctcaccca aagaatcact ctacgcgcgg gcacgtgatg tcgtgtctgg      120
```

```
caaagccgcg attagcccca ccaaattgaa ttccagcttg cccctcgtga atcgaacaag        180
agaagacgac tctttgctct gacgtctttc ccaaaccgta cacctccaaa gatcgacaag        240
atgactgatc tcgatgacgc acacatttct gtgcgcttca agcatggcat ccataccatc        300
tacctcttta tcgacgccct cgcacccttc ttcaacgtca ccgncgaact taccagcgtc        360
ataagtgagc gataccccca gggtcttacc acgttcatct naccttccaa gaacactcat        420
gtcgacgaga actcgattat tgtgtacggn gcattgaaga ttccgaatga tctctcgtcg        480
ggatgggtga aagctcaaga cgggggacng agagagcacg cctacaaaaa tgggattgga        540
gaataatagc ttgcttgggt tgctgtggcg aacatgagaa ngacgatncc cagtttgagg        600
nggagtgggc cgcaagangg ccaaagagga ttatgaggga tgngagggg               650
```

<210> 1901
<211> 650
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(650)
<223> n = A,T,C or G

<400> 1901
```
gccgaggaga cggcaaccca acacgaacgc gcacttcgtc gaatgaagca ccagcttgac         60
aaggcagaac gcgaacgtaa caccctggca acgctacaac ccaacatcag caagcatgac        120
cggcagctga gaaagaacca ggccgagatg gagaaccttg agcacgatgt tctacagcaa        180
caagaaatta ttgacaacct tgccgcctct gaagcttctc tccgacgcaa gctagagcga        240
gctcgcaatg agcgggcagc gttccgcatg agcgccgaga agttgcaaaa ggatcttgag        300
catgtcaagg ctgcagcagt cgccgctaga gccgggactc cagatcgacg aagcgcagta        360
gatcgcaagg ctcttgattt aactattgaa ggagctgatc aggctctttg agactgtcat        420
tcgcgcagct gaaagcgccg accagcgtca caggaaggag ttgcggggca tgtttgatgc        480
anatggagtg gatgcangct cgaatcaagc gccgaagcct tttnttngag ctgatgnccn        540
atattgcaaa agaagttcct acagnttgaa gctttgccgt cgccaatgca tgcaacaagg        600
gtcaacttcc gngngctcga gggatatttg canaaaacct tccttgggat               650
```

<210> 1902
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 1902
```
ggcatatctg gcttcgaaat atctagtcgc ggacccaaaa ccagccaaga aacgaaaacg         60
caagcgtggc gccgaagcca acaacggcct tcttataaca gacgatgacg actcgggttg        120
gggcaacacc aatgcgcaag acgacgatga agatcttgat ggtccggtta cagtatcagg        180
gcaatcttca gagtttcgaa aaactaagaa gagtaactgg aaatcattag ggggcgacgc        240
gactcccaag gatgattctg ctgctactgc agacgcgatt ctagcatcgg cggcagcaga        300
gtagaatgca gcacgcgatg aagacgaaga catgccaatg gtggaagatg atggttcggc        360
tgtcaaaatg agcgatggaa cacatgcagg attgcaaagc gcagcgaccg tatcagcgca        420
gctaagcga cggcagaaag aggaacgtga ggagtttgaa aggccgcaa atcaccaagg        480
aagaagaaac agtatcccgg gatgcactgg ccgaagaatc gacatatcta tgaagcgccc        540
gaacgcgacg tgcacttgcc gatgccgaaa anaaagaaca cttggccaag aaagct         596
```

<210> 1903
<211> 582
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 1903
ccgcaagagc gctgccttta cggtagataa tgctactttt ctaaactcga catcctccgc   60
cgctgctcgt ttcccatctc tcgactcatt cgaaacggna tctnctccac cacctccgac   120
tagcttccng caagcggatg cctcagcaat tgaccacnac tccnaggtcn ccnagaaagt   180
tcgggttctt tccctccgc cgctctcccc cgaccctccc gaatgggcat atacatcgcc   240
tacccttgcg cagtatgctg cgaaccagca gagcgaaaac gatcctttg atgcaacatc   300
cacagatgac agtgatctcg agacggtggc ggctgctgct cgtanacagg ccctgactgg   360
cggtcaaggt gcgggaaatc ctttcagcaa gacaacgcga gacctcgatt cgcccattgn   420
cgaacagaaa cttgagcaag ancgcaagga agaaagaaat gcactcaagg ttgccaataa   480
agctaaacac tccttggacg tcactctttt aagcggctac tcatgacggg caattcggaa   540
tcggacaagc tttgggactg gccgaaaaag acaagaaana tc   582

<210> 1904
<211> 452
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 1904
actaccgaag cggccactgg accctcgtcg ctaccactac catgagctgc atcctcagca   60
tcttcatgac ctttacctc cgccgagaga acgcccgccg cgaccagact cacaaggctc   120
ctcacgagta caccccgcgtn gagaaggagt tggagcaaaa ctctggtgac aacgctacct   180
ttttccgata taccgtctaa agcacagggc ttgtatcgga ggcgacatct tgcanaacat   240
cttacaagat aatcgtacta tttatatata ttaagcgttt ttttggata tcacagcgaa   300
ntgggttatg aaatcacgaa agagcctaga gtatgaaaag gcttttnatt tnggaaaat   360
atgttctcta gagtttgttt ggtcgggtta tgaaacttan acgttttgac atctcaatat   420
tataaatgag ccattcatgg ctagagctct tg   452

<210> 1905
<211> 604
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = A,T,C or G

<400> 1905
cctcaacgt caccaacaca aatacccaca aactcccaaa gactttgcat ctcgcaaacc   60
gtggcaagac atattcatcc ctcatacca aatcagtact ctagatacct atacagcgag   120
gggctattct agccagcggt cgctgaacac atcctcaacc cttttacaaa acccatttcc   180
caaggtaacc ccagtacctc cgagtttatg tccatcgaaa atctcaagac ctacggtaag   240
cctctttgct gttcccatga ggaatactct cttctcccta ccaggaccgc cttttgctt   300
gcgcagctcc cttcgacccg acccctggac tgaactacga cgtcttgtct tatcgcctgt   360
atctactaca tttgctggtg ctaagccaca tgtcaattct ccnctcgacc ggcatgtcat   420
caatactatc aataaatctg aagaacatga taactaactg cctcgctcaa tanacccctt   480
cgccgaaccg acgaggacac cgganaaacc aagcagacgc agaattacat tcatatacgc   540
attcancagc gtaatggacg taagactttg ccactgntca nggtctncc aanaagtttg   600
acca   604

<210> 1906
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 1906
```
ggttagtaca atggctattg ttgaatcgcc aggatgaatc cgacgacaaa tctccttgtg      60
acccggtcca cggccttccg aggcgtcccc acgacactac ggccgtttct cgcttcgcga     120
tactatgcga cccagcaagg tttaggagct acagcccagg gacctaaacg acgagcagta     180
acgcctttca atgataacgg acatgtacca tggaaacaac tctcagtggc ggaaaaggct     240
gccgagcgac gcaacagagc ttcaattttg gcatgatcct tgttggtctt gttctcactg     300
gtggtgtggg atactttctc tggaccgatg tcttctcccc cgatagcaag atctccaact     360
tcaaccgagc agtcgacaag atcagaacga tcctcgtatc atcgatgcca tgggcgattc     420
caagaaaatt acagcacatg gagacgagac attcaacaag tggaggaggg cgagacctgt     480
tgtttcttng naacaacaga tgccgcggag accacatata atggatgcat ttntatgttg     540
atgggaccca agaataacgg nattgcacga ctttacatgg tcaagtccgg gggcacagcg     600
actttgagtn taagtttttg ttggtnn                                        627
```

<210> 1907
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 1907
```
aaaggcaatg cttcacgcgc attcgttcct gactgccgcg taactcctta tccacatcgc      60
acaagcccga dacaatcagc aacaaatcta ctttgctctt ttcgacgact ccctaccaga     120
gacttttttt taaatctgag acggtcgctg ttttctctct tattggattt tgtctttctt     180
tcgagccgaa cccttctggg tacacttcat ccatctacac ggcccgtcaa ccagaccata     240
acttcataat cgcctgccgt ttaattgaat cgacaacttc tcaatatgca gcttcgaaag     300
ttcttacttc tgggcatgct cgtcggagcc gaggccacaa agctggtcgc tcgtcagaac     360
actgactccg actcggctgc cgtgccctca accgattccg ctcctgcgaa cactgctgaa     420
ggcgaccttc accaactgac gataccgcga ctacggntgc tgacctacca ccgccgccga     480
gcctaccgac gangcaacca ctggccgctg atccacaacc gaagaaacca ccgatgccac     540
taccacagct gggggangtt acgttaccaa ganagttact gttaccgatg ctgatgccaa     600
aactgtgacc gca                                                       613
```

<210> 1908
<211> 593
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 1908
```
cgtcaacacc cgtagaccgc ctccactctc ggcttcagtc catcgatcaa taacaaacac      60
tcccacccccc cttcgatcac cattcccttg acatctctcc tccttcattc ttccatcttt     120
atccatacct ataatctaca tcaccgttgt cctcgctaga tccatatagt agacccttgg     180
```

```
agatctctct gatccctttc aacaccgagt ttacaaactg ctagcaacgt cccggtgacc      240
gttctaccaa aagtctacag tccatccgtc catcatctgt atagatagac tagacttctt      300
ctcttccaag cttaatctcc atcttgtttc aacacaacat tctcgccatg ccttacaata      360
cgcgccgcaa gtcgctatct ttacccagtc tcggcataca cgtcccaatg anacatgctg      420
ctcgcgctgc tgccgccgcc tccaanaacg cttcaagatc gtcctcgtcg tcattatcca      480
gtgctgnctc atccgccttg tctcacctca tcaggtctga ggccccgagg gcatccaccn      540
aacaacaaaa cgatccatac gaaganagnc tattgagaga nacactcctt cgc            593
```

<210> 1909
<211> 546
<212> DNA
<213> Fusarium venenatum

<400> 1909
```
cttcctgaac gaattagatg cttgtccccg gatcaactcc atgagagaca tagtcaccct       60
acaaaagtgc ccgtgacaag acttgatggt cttcctatcg atgacaacgc tccacgaaat      120
gctgtactgc caatctggtt aggccagaag agtgaacatg tcgctctggc ggatgcaaag      180
attctcctcg cgactttgg cgaatcgttc ctccccagcc aagagaagcg acagtactcc      240
aacgcaccca tccgctacag agctcctgaa actcaattcc cggatatctg cccatcccta      300
tccttcagtt ccgacatctg gagtctaggc tgtctcctct ggaacgtcgt tggccagcgt      360
cccctcttcg acgcctggac tctctccgaa gatgacatcc tgcaggacca aaccgacctt      420
cttggcgaaa tcccagaaga gtggtccgca tacagctcca agcgctcaga gtactggatc      480
gaagactctc ggcggaagat ccgaaacacc aacccaatcc aatggttgca catgggaatc      540
ccgctt                                                                 546
```

<210> 1910
<211> 228
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 1910
```
agctgttggc ttgactagct ctatgcctgt tcttcttgag gatgagatta agcgtgttgg       60
tggaaagtat gtcaaggctg atgactgggc tgagaagttg gttgttgatg gacaggtcat      120
tactggtcag aaccctgctt ctgctcacgc tgttggcaag gccattctca aggccatcgg      180
tgcttaaata atgaatagtc atgaataata ataagtaatc tgccaaan                   228
```

<210> 1911
<211> 497
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 1911
```
cagcccccca agcagcccaa gacgcaagcc aagggtaaca cactggattt ttatcatcca       60
gaactgaccg acaactgcaa gttccgaaat gctagttact tcactactaa gttgtccgca      120
gggtgctacc ttgactatag caacgcgacc ccttcgtcac aaaccttgaa cnnncagcca      180
ggctatcccc agcagcaagc tgccacccct gcacaaccca acttcgnggt ttacacgaac      240
gggcaangca tgccgcaacg cacggtgtct cctgtggtca atagacaggc ctacagcgca      300
tcgccgaata atatgcagca acagcagccc ccgcgatatg gcacgccaaa tcaagcggcg      360
ggaaatcaaa tgaataggat accacaccgt tattcctgaa gcacaacagc aacgaatcct      420
cgatcaagcg aaagcccgg ttgctgncca ngaacggtcc gccatgttca ccgacaagat      480
```

ccgcaccagg caccccc

<210> 1912
<211> 631
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 1912
```
gggcactatc tcattggatg atagcaaggc tttcgaagag tgttggactt ggaccgaaca    60
acttgacgag ccacctagcg ctgatatctc cacgagcatg cgcaatgaaa aggcccgagt   120
ttcaaactcg ccgtcgcaga cattctatcc ggctctctca aggatgaaat cttcgagccc   180
gtctctagtg cgagcccagt cgccccggct tggtagccgg cgaggttccc atccaccta    240
catccgaact tcctcaacgc ccatggntgc tccgatacaa gcttcgcctg cgcttaacag   300
acgccgtgtt tcgtcctacg tacaaagtcg tcgtcaatct cctgcattgc ttgtcaactc   360
ccaatcggca atcatgaagc gtcgtcgtac aaggtccccg agccatcgct ttacaccaag   420
atggactgca tcgccgagcc ctatgcccat gggcctcggc gatcgcaaca agcacgcgga   480
actacaccct tcgcatatgc cacaccgttc aataacgctc ctcttcaaaa acggcctntg   540
cgttttggga agtgtggccc cccgctgctc aanaaaattc gatgatgact cggatttcaa   600
catcgatttt ttaccaagag nggttctgac g                                  631
```

<210> 1913
<211> 1240
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1240)
<223> n = A,T,C or G

<400> 1913
```
caacttgttc ctcatatctc tcctggatca tcaaattctc tgcatcttca cttttcgtca    60
ttccaaacca ttcgcgaact tttctcttac acctatctac tagatcgact tgccaaccag   120
ttaaatactg tccactatcc gcccctcct gacaatcatt cgacgaattg gcgctataac    180
attgtctttc tatcgataca agtcctgcgt caagaagtgt ctcgttgaca atctctcact   240
tcaagggcaa accaccggct tgaccaaact tgaagcacca acacatcgtc tcacgcatcc   300
catacatatc ctcaattacc acactctcaa atcgcctcgc gctaacactg cacccttcc   360
atccagcaaa aatgacccga tctcacaagg ccaacgaccg tgaccacaag ggcattgccg   420
agggactat gctccccacg gaaactgtcc ctcgcttctt tggtaagaac ggntttgccg    480
atgtcgaccc caagaaggtg aaaaaggacg gctctggtcg aggcaactgg ggaactgtca   540
acgatgacat cgctggcgag cagttcacct tcaccaatac ccgccgccgn tccaacagta   600
gcagctttc tcatgttact gatttcaaga caaagtttga ggtcaacgag cccgagcccg   660
tgttcgagga gtcgctccat ggccccgagg aggaagacca tgaagacctc accaagaccg   720
atctttcga gacggtcga tcttcgtctt gatcgatata ttccatttca ctaagggatc    780
gggagttact gcttgttact ctgtataatg acagcagcac attaggtgga tgacatgttc   840
tgaaattgcg aagggcgttt gatctttcat ttaccactac naaacgaaga tgcgatgaaa   900
tgaatggaaa ccggaaaaca acgccattat ggcgacaact acggatcaaa cagtttggag   960
gatatggcag cgattatgga tgggggataa aggtcttat aacttatcga tctctacgca   1020
gatcatggct tttacgacct gctgcgaagt tatcttctaa gcggaacgat gtatcacttg   1080
tatcaatatc ttaattagct ttaccataaa agtgggcaat gcagctaggc aangctgacg   1140
aacatcagac aaagacgctc catgaataag gttacgtgaa gangaacttg atttcatatg   1200
atatcctctt catgaatgtt ctatccatct cttattttct                        1240
```

<210> 1914
<211> 626

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 1914
```
cagcattaca attgcgccga gcacttatct catcactgnt gttctcctac ttgtctttgc      60
aatcatctac ctacctcgtc ttatcgcctg ccgattcccc agcctcggca taccattgcc     120
atctntggcg tcaatattaa ggccaatatt tggagatcca gcagatcatc gcccaccagc     180
cagatttgaa aagcccctcc caccaccacc cttcgcagca tctgcgcttg tattcgagga     240
tcagcaacaa ttggtcgtct ccggacagga tatcgtcctt gcgcaacgtc gtcattacct     300
tcaacagcaa ttggcgcaag agcaacacct actgcttgaa cagcagaagc aacttcaatt     360
ccaagaaata gagcgccgtg ttcgtcgaga ctctcgccat acctcatcac cttcaaaaca     420
tagccgtgat catggatcct acgacatgct ggacgcgtcc ctacaggact tcgatctccc     480
accaagtcca tcggtgccca ccactaaccc accggagcga agcagcaatg acagaagggg     540
atctcgagga cttcgganac cgcgtccgng ggngggtnct cccctccccc tgganaaaac     600
tcggaaacgg aaccggagta gtggct                                          626
```

<210> 1915
<211> 520
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 1915
```
cgaagaggcg ttgacaactc ttcatcagat gagttcgcgt ccagcccacc ttcttccgaa      60
acacgcggtg gaatccttcg accaccacct gctaggcctc gacnaaccgg ctcactttcc     120
agtaactcgg ctcttggtag ctctgtacca caatctccat ctagtgctgg ggggttctca     180
tcaccacagg gcgttgctag tcaacaatcg gaacagttgc ccttctttaa ggactattat     240
tctcaggatg atattcatcc cggtgacaaa atcgccgctc tttgggcata ccaaccccga     300
gcagccgatg aattctcttt ggancgtggt gatatgctta aggttgtagg catctgggat     360
gatggttggg cgacangtgt tatgctcaat gancgggcag atgaatggga agctcgacna     420
caagctcaac gcgatagtgg cgtctcgaac catcnggtcg cgtgacagct caccggcggc     480
ggaaggcaaa tcaagcatcc ctcttgtctg cgtttgccga                           520
```

<210> 1916
<211> 336
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1916
```
cagcaacggg aattggtatt gctggtattt ccggatactt catggttgtg ggatcaatgg      60
gaatgattgc caagctgagt aacaaggacc agatguagcg tgtgacatgg gcaccaggta     120
cacgctacg gacccgttgg atgananaag aggagcgagc ggcaatggac aaaattgcat     180
gtgcctgggg attcaaggaa ccttggaggc acggagagga gtctgggcct gagtgggagg     240
gtctcaagga gtacatggga taccgccaga tgattcttga tcgtgttgaa ttcatggagg     300
gcatgagcta atcctacatt gcccctttng ggggc                                336
```

<210> 1917
<211> 266
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 1917
tgatatcaca atcgcactgc gggatcccaa tatcctagcc ccattactgc cgttggttga   60
gcatngagcg gaagctgtaa agctgggtgc atgaaagaag gctatagtac acaacgtata   120
agcttgagtg agacgggagt ttnaggagtt cggtacattt ttatcatacg ggttctttaa   180
cacaataaag nggttacgga actngtgaaa ccaanaaact tagttatctg atatcaaaaa   240
acgctgctaa gcagtttgtt aacttg   266

<210> 1918
<211> 795
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(795)
<223> n = A,T,C or G

<400> 1918
tgcttaccaa cattctagtg ctccgccgcc tcaaggannc tattacgcac ctgtccagtc   60
accaacggga gtctttctcg tcttacggag atgcgagaac ggacgacggc ngccagcttg   120
caggacggcg gcgtcgtagg acttcagagg agcaagatga cgcctacaga ttacctccgc   180
cacgaagcgc tgtagacgaa gacccacgac gaagatcccc agccgagttt tccaaccaca   240
gtagcccagg tggtgttgga tatccgccat accaaggtgc gagacaaagc ccgcggaacc   300
cgacgagcgg cactctgcct caggctgcag cgactggtag ctatgcaact tctgcacctg   360
gagggcggtc accgacaggt cagaatgggt caagtggtgc gtccacccec gcccgacagg   420
gacagcaatc ccaaggagga aatgcatcga ttatgagtct gagcaacttg gtagaaaaaa   480
acgacattga taagaccatg atcgacaggc ttaacccgac ctgcaccagg tcagccaagt   540
ggtcgacaag acgccagccg ttgacgggcg aatggagtta caattgaccc ttgccggaca   600
ggtcaacggg aagaagtcga aacgacccac gacaatactt gctgacaagt tgatgacgat   660
tggttgcttt taatacctta tncaattcga tcnttccgcc tacantttcg gttgacccgg   720
gatgagacag gagtgtgatc gcgaagaaga aaaaaaaaac aaaaaagcgg ngggggcaggg   780
cgacaacaat acaag   795

<210> 1919
<211> 613
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 1919
ntattcgcct nagcaagaca gtntcttacg tcaactcaag ctttagangg gtctgcgatt   60
tcgtctcgat caacttttttg ccttgcatcc tcttcgccaa cgttccactc accccctcca   120
tctttngtgg tactactgtc tgncaacacc acccttccta cctctagcac atgagccgca   180
caatcgccca acgacggttc gnggccatca acccctccct tgtaccagtt tgaagccatt   240
gggccagcct gcatacgatc cgtggtcccg cattcgagcc acgactgtag acgtggnccg   300
cctgtcctca ttcgatctct ctccacatcg cttncttccc cacgcgactt ctttcatctc   360

```
gctcgctctn tggctcttna gtttctccct cggcctcatt cccagctcga gcccngagag    420
ctgntgctac ttgcattgna ggacacatac ggctccagcg aaacaggtgc ttgctctcct    480
tncccgagct ggtgttcgac aggcaaccaa aacattttnc aacccnggng tcgttatntn    540
ttaccgcccg gtcttnaatc gactttgaca cnggtcgngc ctttaagtca caaaaaatac    600
tnatattctg gna                                                       613
```

```
<210> 1920
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1920
gagatgatga cgcaggctat gcgaatgcag cgacaattga atggagaagc gcctggagca     60
ttccctgccc ctggcgctac cgatacnaca cctcaaggga gcagcgaccg gagatatccca   120
ggggtaccgg tggtcaaaca caggcaggcc aacctcctgt gaacccattc gctggattat    180
caggtntgct gggangtcag caaggcggaa gcaacccgcc tgatttcgca cagctcatgc    240
aacagctcca gggtctcggt tctctctacg ganctggang ccaaggccag gctgcnacag    300
gacaaacagg ctcaaccaac acacctagcc aaggtgccgc agatagtaca actggcgcgc    360
aaacttccgg aacaacaccc cgccaagtgg tttaacacaa ggctcaacca ctaacccacc    420
tcccccgaac catttgctgc ctcttccctc cttcccgaag ttccccaagc ccacatccct    480
ttngcatgaa cccgaaatna agcaccaaat gatccaattt tcgcgcngtg aattggcccg    540
ggtttaaccn cccgcncccc cnaataaagc ncccctaagaa cctaccccaa acaa          594
```

```
<210> 1921
<211> 1361
<212> DNA
<213> Fusarium venenatum

<400> 1921
caaccatgaa tttggtgaga cctaattact gagtgtcgtc ttcatatcct tttctttcta     60
ctctctttttt gttcatttat ttccttcttg tatcatttgt gataacttca ctttttgttc   120
acgtcttata ccatcgtcaa catccgatag tggggtcggc aacaggcgac atcgagtgga    180
tcccgttgat ccctggtttt tcgggcttcc ttcctacttc ccctacgggc ccaggacagg    240
gcgtctctag ctagaacgca cgcacgtacg cactgcagag tcagctcatt cgaaagagca    300
tgccacctct cgaccatcaa caggcgaacg ccgaacaaag acttaattca acagtagaac    360
cagaccacga ttgatcacga caatatcctt ttgacttacc tctcgccatg gcctttctga    420
ccttctttttc tttctccaag acaagcgaaa ctcactttaa agcgatacga agtaatgaca    480
cgcgcgacgc atgagaatga cttcatttcc aggaacagac cccacgtgat acgcatctca    540
tgacaatctt tggacctgcg ataagcaatt aagctcagat catatcgacg ccgacttcac    600
ccgccacctt ctctgcgaca atattcagga attgcatcca ccagcgttaa tttagttcat    660
cttcaacaca tggaaccagg attgattcaa tcaagataca gtaggtattg ggttttggga    720
tgtaaagact gacataccgt ctagttgtgc caaccaaacc ataccaaaac cctccaccttc   780
tgctcgcttc cactgtgacg tcgattcaat caatcaattc gcctttatcc gaaaacttttc   840
caattagcat agcccqccgtt tagtttgtta gtcttcagcc agacttcatc tcgtttcgtc    900
ccgtacagca gcgaacagtt acacaacgcg tgtcgccgt aaatctttt tgccatgtc        960
gttccgataa cccgtaccgt ccgttacaag aagtgaagcc taagcaagat cctttccaca   1020
tgcaaattta acaccatttc cgatgcacac gtgatggatg gatggatgga tggatggat    1080
gatggatgga tgaataaaca cgccaatgtc gtatacgatt gtacaagtgc caatcgatgg   1140
ccaaggcgcg gaggatatccc tagagcgaca agatgggata gggaagattt tatacataat   1200
taattcacga tggaggacaa gtttgggaau cttggggaa agtgtacgga ttttgaggag    1260
cattatcagt tggacagcgg gaggagggag gtcattcaac gtcaacaaca aataaatcaa   1320
cattttgccc cggagctctc atgaaaaaaa aatgcaacac c                        1361
```

```
<210> 1922
<211> 531
```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 1922
```
ggagaacagg gaaaaaaagc ctgaagcagt gtccgcagct cccgcaacca ctaatggcaa        60
gcccaaggtc ggcactgtta aggagctggc tcctgcagca attgtaaagg ccgcactccg       120
aanaagacga ctaccgctcg acccagtgcc atttcgacca aggctgccag caccaagcct       180
ccagnaaaat cccnttctgc acaaagcctn ctaccagcac cactnataaa cctgagagta       240
agccaacagc caagactgtc ccggtngcta agaaggaacc cagacaagct tnagtcgcca       300
cttccacagc cactcggcag ctgngactac agccagcaag aaccgcaacc attgaacctc       360
tnntagcgat ctggtttggg aagccaagcc aaatctccac aaacctgggg acttctgatt       420
tttatggccc actggggggnt tggaccaaan aggcgcagct caccgataag ttgaaaacct       480
acgttctgtt cggctggacc ggccatgcaa naggaccagg ccacctggaa a               531
```

<210> 1923
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1923
```
gccacgaccg ctgatactga cactaccgcg tatcgcgacg aggcgcggcc aacgccccga        60
cgacgacaaa aaactaacca aggctttcaa attgaagcca tcatgaccac acccaccatg       120
gcccagccca cggccatcca agccaacggc acctcagaat cgcctaccct cgataaggcg       180
caatccgtcg ccccgggaaa gcgaaaacgc gatgttgaag aagaagaaga agaagaagag       240
gatcgcgatg aggaaatggt ttccgatgag caaaagcctg ccattaccaa tggagagccc       300
aaaaaggacc aacgcgattt gataaaatct ttcgttgaag tcctcagcag ctacgacgtc       360
ggtccctcca tcctcaagcg cccccttccc gaatcctctg atgatgacga tgaagatgat       420
caccgagtaa agcgccagaa gtcgaccgac ccgtccacta tctccacaa ggctactgcg        480
aatgtgtatg aggatcttga ccaagtggct gatgacctcg tgtccgcaat tcatgtcgct       540
ctcaagggaa tcaagatgca accttccgag aacaaagatg agtcggccga cgatacantt       600
gaggacacaa atcgttgatt tcaaggncaa aggcata                              637
```

<210> 1924
<211> 558
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 1924
```
gacgaacaca atgaatacaa tgttcacatc aatcatgcgt ctcgcgcgcc cggtcttgac        60
caagtctctg gctcaatcgc ccaggacatt nngacccte gtccntctcc gnccttcct        120
gactcccatg aacggcgcaa nccgaagaac cgctctgcca tcaagcttca ctccttcgac       180
agctgcttca gccgatatcg tgccctcaag cgccatcaca gcacaccccg cgatgggcga       240
catgcaaatc cgctgcggac ctcgaaacac catgaacgga cacaccagac tcgtgcagaa       300
gcgcagacat ggcttcctcg tccgtaagcg aagcaagaca ggcaggagga ttctcctcag       360
gaggaagatc aagggccgaa ggaacattgc ncagtaggcc atgcatgcct gctgagacat       420
```

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```
ttaggaggnt ggatgacacg tcaatgaagc cacaccggca tatgtctata cnggaaangg      480
ggtagagggc ggcggtcttg ggggattcag atgtcttntc agcaccctcg tgtgatncga      540
aatctgacaa agactncc                                                    558


<210> 1925
<211> 427
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 1925
ctgagaacgg tgttgacgga tcagcattac cttcctcagc taactgggca cgcaatccac       60
agcggagtcg taggggcagt ctcgctacta gtggtgccgc gtcaagccct gctatctcgg      120
cagctcagcc tgtnaccgct gagcctgttc cggaagaagc agttgaggaa gaagaggatg      180
aagatgaaga tgaggaggac gaggaagatg aggaagacga ngaagaagag cctcnccaga      240
ggaaccggtg gccggaccct cttcatcccg tgcgatggaa cccgaatctc ctgcaccagc      300
caggaacctg gctganaagg ggcttagana natcctcaag gtgctgggtt acactccctg      360
gcctccttcg tctaccgctg cacagacaat atcccccctg ttcgatcctc gtggtggtga      420
aaaacgc                                                                427


<210> 1926
<211> 605
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 1926
gtgtcactct tttgcagctc tgcaaagaca aaacctaata ttattgggca ccattctaaa       60
aatgagcagc ttcgcatgcc tccaaagttc ccgtcgggct ctgtatcgag tctttatcga      120
gcgcgaagct cttacactcc aattcatcaa accaacacaa cgaatactac cattatacca      180
gaatcgtcga ttctctgtgt caccactaca attgaaggga aaggctcgcc gaggaaaaga      240
tgttctggat gatttggaga cggaacccga tgaggatgaa gccagagcct ttgatcgacg      300
ctacaccacc caggaagatt tcatcaaatc cggccgcgac cgtctcccta tagatttcga      360
gataacggat cccaaaatca tggttcttga caatggcgtc tcgacggacc aagattacgc      420
gcaacgtcnt gagccgcatc gacacttcta ccgattcctc cgaatggcaa ctcctacat      480
cccgccgatc ctaaaaacac aagccagcac aatatgcgct atgcnagatc tccnccngaa      540
ggaagaatnc aaagacagcg agagctcccc cgcgtctcct ttttttnccg actccccaan      600
aacag                                                                  605


<210> 1927
<211> 267
<212> DNA
<213> Fusarium venenatum

<400> 1927
gggaaagccg ccaaggtgaa ggaggctgct gccaaggtcg cggagaagga ggaaaagcct       60
aagaaggctg aggagcccaa ggaggagcca aaggaggagc ccaaggagga agctaaggaa      120
gaagagaagt ctgaggagga tccaaagact aaggagccca aggccaagaa gtcaggaggc      180
aagctcgagg ttggcgacgt tgtggacctt gatgattttg gaggcgaaat tggaaaccaa      240
cgatggcgac aagactacct tgaaaaa                                           267


<210> 1928
```
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<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 1928
gaaagaaagg acaagaaana gaagcgacaa ntccggcatc tccaanccca ngaaaggaga   60
aaaaaggata agaaaggata agaaaggana aanctcgccg ctgccctcga aggaaaaagg   120
tccaccagga tgctcccgtc nccgcttgcc gctgctgaaa aacgaacaac tccaatgttg   180
aaggaaggat aaaggctgct gaacctgcct cttgagcgtn tcntcctttc cctttgccat   240
cccgttgca gaatgacaag ggcatgaana aaggtctaca agaccattcg caaggctgcc   300
aagaacaaca cctcaaccn gtgtcaagga agttgtcnaa acctccgaaa gtctgccct   360
ccggtcctgg ttacacctct ttcccngtgt tgtcatcatt gctggtgaca tttccccatg   420
gactcatctc ccacctcccc gttctgtngc gaagacacaa cgttccttca tcttcgtcnc   480
gttcncgcgc tgaactcngt gccctgccna nacaaagcga actacatccg ttgtcntgat   540
catgganaaa cctgaaggc   559

<210> 1929
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 1929
atcatgcgtc ccacctcaaa cctcctccag gccgctgtct gcctcacttc tcttgcacct   60
ttggctacag catggcctag ttggtttacc aacgccgact ccgttgtagt tcgacgagtt   120
gtcccggaag atctgcctct agaaactcaa gttctcaagc ctcgtcaaga taccacgact   180
gaagaggaag ctacaagcac caagaaaagt cccaagcaga ccaacctaaa cacagctaaa   240
gtcgaaaccg gaacagagac tgggactggc aaccgaggaa gattccacag agacacggaa   300
aaaaaaaccg gaaaaaaatc tgggcaccaa aaatnggaaa tctgccccaa acgcacaacc   360
ttttctgncg atgttaacct gcggtttgag tatgacgctg ctgacaccat gtatgtccct   420
acgcctctta tcaagatcgg cgactacgcc acctttggct ggaactacac ctcgctcgaa   480
ggactcctac tgcgatcgac gtgcttgtca gtcaatcctc cgntggcgaa acctacactc   540
ttactgccaa catgacttcg agacgaaccc actacgttgg gatctagcaa ggaggcatga   600
tcctgatgct ctntcctgtg gctgtcactt tn   632

<210> 1930
<211> 259
<212> DNA
<213> Fusarium venenatum

<400> 1930
agtacatgcc acgaaagaag gagttgtgcg ctatttggag tctcatggct ttcagcgcga   60
tggcggtcga atcgctcatc gtgtcggacc ggtggacatt tctcaaagaa cacgacgatc   120
ttgttcgtca cgcgtgggtc gaaacggtgt ttgactatgg actgagtcca agaaacctgg   180
ttgtcgtagg agttaagcga tagataaact ttgagctagt ttagaatagg aatgatcaac   240
aacactctga acgctatty   259

<210> 1931
<211> 339
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 1931
atctctaccg tcaacgactc catctctgag tcctcagtcc acaagtcttc catcccaaca   60
aaggtcgaga tgagccagca tgaaaagtac agtgaggcgc ccagtgaggc gcccacaatc   120
ccacccccgc ctgagcagta tgcttggagt agggtcaggg gagaaactgt cagggatgct   180
tttcggaatt ctttggtact ttcattcttc tcctctttgg tgacggtgtc gttgcccagg   240
ttgttctcag tcgtggaaca aagggtgatt ntcaaagtnt ctaatgggga tggggtctcg   300
gngcatcttg gantgtttgt nggaggtaaa ttaagcggt   339

<210> 1932
<211> 422
<212> DNA
<213> Fusarium venenatum

<400> 1932
gtggagagca gaagtacgta cgataccaga tgaacccacg agaaaactgg ggtcctttgg   60
cgaaggcagc ccgccgatag taatgtaaat ttgatcatgt acttgctctc aatgtttctt   120
ttacttcacc ggctaaaaca agcgatcctt gagcagttga aatgacgaca catgatcgtt   180
ggtgtgtctg agtaggcatt atctgttcgt cagcaaaagc cccacaaagg cctacggaag   240
tattgctgag ggcttttgag cttgacttgt tcatcatctt caatctcaac aacccgaata   300
caacaccctc gagccgaacg agtactgtat cctcctttga cgggcatttt gcatttgttt   360
atttcgcgcg tatttgtgat tggctattgc gccagaaatc aataaagata ccatatcctt   420
cc   422

<210> 1933
<211> 448
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 1933
gggtggtgaa gcctatgagc aaggtccgag acaccgcgcg acaattggaa gacactgcca   60
tagaagcgcg acgaatcact cgacagacag cgcgaaacgt accggccgaa gaacagatcg   120
accgaccaac cgaaacccga aagagtancg gcagcggcag cggcagcgga agcagcgatg   180
gaagggcaat gctgcagaag cgttggatct cctggcagag tcgcgtangg agaccaaacg   240
actgcaggaa gcgctgaagg aacagacagt gcacgagatg ggcnagcaga tggtggagat   300
cnaggaacag atgactgagg aaatacaacg agcccgtgag cagctcgaac tatcgcgacg   360
aatgcaatag acggactcna cgatcatatg ctgacgtcca cactgacccg tccctacccn   420
caatgatcna ggacttactc tcctccaa   448

<210> 1934
<211> 479
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 1934

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```
aaggagaaag gtccagcaga attctgcgaa gaatgcgcgc aacaaagggt ttcgaacaag        60
aacaaaantt gaacgggctc nactgccacc aattgggaag ctgtcactcc aaccatnaag       120
aactgccaac tttnggcttc tctatgctga aaccgcctta aaaccaaagt ggttcaacgg       180
ggttgaatcc tttcgaactc nttggcatgg aatgaatacc atcaatggct tccaagccaa       240
gatngccgaa gggcaactac ctggaaggtc ttattgataa gtaccttctc aacgacaaca       300
ccctgacttt cactatggcc ccctccacaa catatggcga agacctantg anggaaganc       360
aggagagact tcaccaggat ccagcggcga tcaaggaagg ccngaagcna agaaaaagcn       420
cnaaagccct ttgagaancc agaacaagaa ttgtttgtct agccgaacaa gacaacacc        479
```

<210> 1935
<211> 686
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G

<400> 1935
```
gaattttttt tttttttttt tactaagatc attatcatta ttattcatcc tccacttgcc        60
tttgccattc taacaatatt cgtgccatgt tctagaatag gtaggtacgt agatttcttt       120
agaaggcaaa tgctgaataa tgtaaccact actagtacgc taaaccgctg tcaaacaact       180
gtagacgata acgttatcaa tctttcatga ttgctacatg ggcacaccca tgtaaacgct       240
gtaattacac atttggttta aacaaaagat agcggagacc tgtcttgtaa gaaccagagc       300
tagcattaag cttggcaccg cttacttcgt tgatatagct ttctctgctt gcaaagcttc       360
gagattgctt catagcaatc ggatcggcaa cgctagcttc gttcaatgta tgcgttttaa       420
cccgaagtca aatgttggtg gcggacgcag gaacaagttc aatgatcact ggccctggac       480
aangngccgc atgggccatg tncaacgttt caagtgcaca attagaacaa aagttaaaag       540
aaaaatcttt tggtccctac catacaagat caacgtcgca tatagcaaca tgctcccaca       600
agtggaaccc cgacccgtaa tctataaaca anctagcatt ntaagccagc atntaatgat       660
cggcacccaa acttccgaat atcgct                                            686
```

<210> 1936
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 1936
```
ggaagatatg acttccggtg aagagtctga acttgctgaa acaccttccg aggtcaatga        60
gatgaagagt tcttctgccg tacgaacacc catcgtaatg cgcgtgcctg cgaaggctac       120
caattctcca tccgtcatgg acacagcccg ttcagccagc aacaaaggtc gtgctcctgt       180
tgctttcaag accccttcag gttctgcacc acgcggcaca actgtcgtcc tttcggatga       240
agatctgat atggaggatg ctgacatgag tcctaacacg atggtcagca ataatgcacc       300
tttctggtt agtgacgacg gggagtacga cgatactgat gatggctcct cagtttcgg        360
cgccagtgat gctcttgaga cggagtcggt atcagacgtg gctgaaataa cacttgacga       420
cgaccaagac ccgcgctcac tgcgccgaga gtctagcggt gtatcgggcg ctgtaaggct       480
tcgtaaagat gattcgaaac acatcactct gatgacgcct gtcaagaaca acgccagaga       540
aagacgggca cgcaaggtct aaattatggg aatccttcgt ttttgcatgt gccaatcgct       600
caatcaacaa cgggcgtac aancaacann caa                                     633
```

<210> 1937
<211> 352
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 1937
caaaggtcgg cagacaacaa tagccctggc ggttacaggt cacaaaacaa tgtcagtcct   60
tggcagcgag gtgctggtta cgagcactaa ttgatttaac tctagaggaa tttacctttt   120
tattttatct catgagagct tatacctaga ctnttcttaa gggggtagac tttgcatttc   180
acgcacttgg tctatgcgag ggctgcccag cagacaaagc cctcaggatt ttntgcttgn   240
ggatgacncc nagtganctn tgggctcgca nccagtaatt aacattnccc ccnctaagaa   300
ccgggcttta tttttggtg ggtttccctt tttctnggag ggttttttnc cg   352

<210> 1938
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1938
agcgtatcag acatttcaag gaaaccttcg gttcgtgcgc ctaccactcc caagtcaagt   60
aagagcagta ataaagttga atcgcgacct ttgcaatctg ctcgactgga tggacccata   120
cagcagccac gactccaacg gcgggacagc gaggaatcat ttcacagtgt cgagtcgtgg   180
cattcgtccg gcgttcccat acatccttcg ccacccactt cacaagcgga gtctgctgnt   240
tgggcaaag tacgaaatca aatgaaacgg acgccttgtc cggtgggaga tgcaaaagaa   300
aaaagtcttc ccgaaagaag aggaagctct tccaaaggcc aggcgcctgg ggaatctgac   360
cctgattccg acgacagcga gtcgtccagc gaaagcgcga acctgggaat caaagacaca   420
gtcgacgttg aaaccaaagt ccactcgtcg gcagcaccac cacaacggcc ggttataact   480
cgtcatagag cgacgacaag tagcttatca gtacgccagc gggcacttta cccctggccc   540
tgctgcgaat ctcttnaccc tgcatcaact atggaaagac gaccttacag aagtaggctt   600
ggagactgnc aaagaaccta ccaatgggca tcattgg   637

<210> 1939
<211> 459
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 1939
nggaacctgg gctccgggcc tcctggaacc aactaatcca atanccctgg agaatcancc   60
tcgggtggan ttcaatcccc naacggttgn actccggcct ggccnaacaa tcgggtaatc   120
cgttacaagt acccaattag ctaanctaac ctaacctaac taacctaacn taaaacttgg   180
atcaagactc aatttggtcc gctccgcaaa aacgggaacg ggancaanaa caanagangg   240
gccaaacccc cancanaagg gcccaagggc caaagacaag acaagggcca aaaggccaac   300
ccggccgccg tatccaanag ncagaagcca cttgctccaa gatttcggag ctactagaac   360
ntcctgcncg tcctgaacct gccggtacgg agcctggagc catttgccca cgaactnagg   420
gtcnccttga ancctgtacg cgacaatgtc gataaactg   459

<210> 1940
<211> 561
<212> DNA

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<213> Fusarium venenatum

<400> 1940
caacactcgc ttcaaaacac actctccaaa caaaaaaacc accaaccgca aacatgaagt   60
tcaccgctgg cgccatcgct gccttcgtct ccatggccgc tgcttctcct cttgatgctg   120
ctgccggcgg ctgcaagcct ggtacctact cttgcactcc cgacaagact ggctggcaga   180
tctgcgatgt caccggcaaa tacgtggctg ctggagcttg tcctcccaag acttcttgcg   240
tcttctacaa gaagagcgcc agccctact gtgtccctcc cggcttcaag ttcccccaga   300
actaagcaat ctctcccgat gagatagccg tgagagtgga ctctcgataa cgacttctat   360
ctctgcgacc tttgggttca aacttgagca tttggtcttt tttatatact tgttttcatg   420
cacactgcat gaggtccttt ccttagaaat gtttgataga tacatggcac atatacagaa   480
acagcatgtg ggggttcaag atcgtatata gttactcaac atagcatctt caatctactg   540
cattgcccct ttaaaaaaaa a   561

<210> 1941
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

<400> 1941
cggcggggag ggggaatatt tntgtctncg taccgccgac aggtcctctc tcgtcaagag   60
caagagttta tcgaagaaga ggtcatatta cgcgtgaaga agaacattac caccgtccgg   120
tgtncaaaaa ttcgagcacg aagactttac tatccgtgaa gactcccgac gagatcgaca   180
cccaccgtca tccctactac tccacccca ttgatctcgc tgaacgtgaa taccgccagc   240
gttaccgcct gccaagcttt ttccacagaa gaccttcttc cactctcatn ctcactacca   300
acctcaagac aacttcaaag ccaacaacta caccgttgaa ggncgcccgc tcccaattcc   360
attcctctga gaagactgaa atcaacaagt ttactgntgc gaacactcct ntcgcctnag   420
tcaaccacac cgagaagacg aattcaacaa ctacactggt gcaggcgatc ttccgtcctc   480
aatacaacac ctgtgagaag actgagatca acaatttcac tggtgcgccc gntctttcca   540
gccacggacc gngacaccaa gacactnaag tnaacagcta cgccgtgcaa gnccggttnt   600
ngt   603

<210> 1942
<211> 575
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 1942
tgcgggcctc aggaattttt ttttttttt tttttctgat tcaacacgtc tcgcaattaa   60
atgaatgtaa attattgaa atccaaacct agaggtccaa ctcctgaacg cccagtanat   120
tttatgcagn gatgtatctg cgcctgtcga ctaactttcg aatcacaatg ctttnggtat   180
cttaatctct gttttcggcg gctgattcag ttctttccan caaaggcagg gttctgctcc   240
attgtcnaan agatgtatcc tctcaacgcc gcccatcgat tcgcagtagc cgcaggagca   300
gtctttttct cctcgtccat attttcgtct tgnggcacag gctttgcctc atcctgagcc   360
gttaacctcg ccatactaac tccaaactc trcatctcac cttgacgac cttttccttn   420
ttnttcagcg cacccttctt gctcttcaaa ctattgngac naatcttgcc ctgttgctct   480
gcatnacctc ctctagctct ggcagcgcat cagctanact gcaagagngg nggcgagctt   540
nttggangga cngcgacnct tggtaaactt tgaaa   575

<210> 1943

<211> 238
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 1943
ntgaggctac cnaagttctc cttnccnccg aanctatntt tagcaacggg gccatntacg   60
cccgngcagg ctcangcgac attgctacaa tcgctactga ccttggtgtc cgcgtcgccc   120
ctctttncca aaccataaac ntcaccgagc gnttgtccat cgactcnctc acttacaacg   180
anatngaccc ngagcaatcc accgacgnag ggttccnntt gctcttngat actacncg   238

<210> 1944
<211> 643
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 1944
ggaactctct agctttctcg ctcttaatag ttagttcgac atcttatttt gggtgatcaa   60
agataaactc ggcctcctca caatccgttc cttttattta tttatttatt tttcttactc   120
cattaatcaa gcaaagaggg ggaatgaata gatcaacctc cactctttca acatcaccaa   180
acatcctcag tacaaagaga gagaaagagc ctaactatta actgcgccgt accaaccaac   240
tctactacaa ccacgtaacg gtaacttggc tgttgggtca cggatggatg gatggatgga   300
tatcaaccat gacgaaccaa caagacaccc ccacagctct aactcctact gcgtccactc   360
ctcgtacttc tcttggtccc cccgctcagc ctgattcaac ttcagcttca gtcccagctt   420
ccgcttncac tttccgcttc tgnttcttca tcttccccca cgcctcaagc tgaactcatt   480
cccgcagang accccngagt atgtcatacc ttggccacaa ccaccaacca accaacaagc   540
acagaattgg agagnccatt tggttaatta taatggcctt gatatggtta ttggtaacac   600
tttggctttt ttcgnatttt tgganggana acgtcgatca tga   643

<210> 1945
<211> 522
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

<400> 1945
atttaatcca aatacaaaat ggcggctaaa agagactttg aggatgtcga tgaaggcgat   60
gcttcaaagc ctacaccaaa gcgatctaag aaacacggcg gcaaagcgcg acaacatcaa   120
aactctggca ttgatcctac ctggggccag aaatatgtct ttgcagacaa cgagcatgcg   180
acaacgattc ccgcaggcga agantctgat ttcgaggacg atgcagatgc cntggcatat   240
ttaaactcag ttcgacaaca agctgccgga atcccccntt tactcgtcgc acctaaagtc   300
cagntcggac ctcagttgcc ngtcgaattc agaggtgatg atgaagatga tggagaanga   360
ccgtccacag ggagcctatt ccacgacgnt nttggcgatt ctcggggctg gttccaagac   420
ggcgcgttca tggcgatgcc cgacnaaacc aacgacgaag ggaaacttcc aanaangaga   480
atcccgaan atgacgacaa ccgctttgat gaaaaaattt ct   522

<210> 1946

<211> 509
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 1946
ttactcgccg cctataacat ttcctatgaa tcttcaatta tatcatagct actccgagga   60
aactttgcag aaatgttctg acaccatgtc tcgccaacat acatttcaca acagcgccac   120
ggattgacaa tcaagtcaag cacaaccatt tcccgtatct aattctccga gtgtttcttg   180
gcctcatact aactgggatt ggaactgacg tcccgccaaa ccaaaattcc cttggcataa   240
agacccgtga tgatccccac tcgtccaccc ttgacaacag tcgagcttga agggtattcc   300
gtatcaacat aaaggttctt caggccctca ctctcactcc actcagcggc ccaagaagtt   360
gcctcggctg tctcgcagta ctccttggtc ttggaattcg catgttcata ctccacggga   420
tcgttgcaga tgcgtcgtga ctgcgtaaac tttaccagan aangcatatg cgcatgttcc   480
gcgatcatca acttgtcacc atatccaga   509

<210> 1947
<211> 114
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 1947
nacanccagn gctaactttt tggcaaanca ttgnacgtga tgcnccatgt acntgaacnt   60
gnggacaagn gctngggtna ttccgggtgn cnacaacgtt ntgaantatc ctga   114

<210> 1948
<211> 238
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 1948
cnagcagcaa tctcaccggn gagtaccatg ggtcagctgg caagactgag gtgncttnct   60
cttgctccag tggcacattt ccattttgac ggtgacggaa gtgcctncta taaagactgg   120
ncatgctcct ttacggagac gcttctntct gatggctnnt gcaagacgat gcaataagag   180
gagatcttnc ttactnttat cqngcaaaan cttgggcgan accatgggaa cggnttgg   238

<210> 1949
<211> 1151
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1151)
<223> n = A,T,C or G

<400> 1949

```
aactgtcact catcgacttt taaacgccaa agatacataa tctgacatga catttgtcaa      60
aggcttaaaa ggaaccgaga acccctaat aagcttgtct gtttcttctt gggtggggggg    120
ggagataaac tcgatcacat tttggatata cattttgtct acatacctct tccacccata    180
acctatccat gcctgagata cgtccaagcc tccctcagca atatcaacaa ctgcgccccg    240
acccgcttac gttgtcaata cacagcgagg cctcattata tttactttac aaaagtcaat    300
aaccaggctc ttaaacgttt cgacattctt ctctttggct tccaggcttt actactatac    360
atatcacgtc ctacccaccc acctctctac tatatctcgc cagtacctcc acacatctac    420
tctactacat atacctatcc ctcttatact gtatagctct ataccgtgtt atcctctctt    480
acatattatc accttcatac cctcgtacat actcactgta caaccacaac ctccatcaat    540
atgttgccat accgtaattg cccagcggat gtgcaaggat tgccgccaca gcctaggcga    600
gacggtcatc gatttcacac gctgtgctcg taaatgctcg agccctttct actgccttac    660
ccctgagcct cagatggagc tgtgtaacct ttgtgccaca acgtcgacac tgtctacacc    720
ggtactcgca ccacatgctc ttgaggacac aaccactgca gccgcagcag cagcagccgn    780
atcggccggc acgagacttt accatcattc gattggaaag acagtggcct atccaggacc    840
tggagtagtc cggcacactg cggccactag aagtttgcga caaaccatga caaaatggtt    900
cgattacccg acattaaggg gcgtcatttg tgtaatattt tgaaacaggg aaattgaaac    960
gaccgaaacg aaatttgacc aaaaaaangc gtgttttngg aaacgaacag gtattgatac   1020
gggcaaaccg acagaagggt caangggcgc atttggacag ganttnatca angctttgnt   1080
ttgctttact ttaatttaat ttcatttttg ggntaacttt anttcaattt ccatatgtaa   1140
atgncacttt a                                                        1151
```

<210> 1950
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1950

```
cactcaacga cgacaacgag gctcgactca gcagccgccg tgagaatctc gaccacgccg      60
cgtctttgtg atttctctct ccttctacct cacatctcga ctttcaattc ttctcctaag    120
acaagacagc acagcagcat cagcagagta cagcacagca caacacaaca cgcacagaac    180
cccatcccag ttccagcatt cgtcctccac tcctgcgcaa gtaccagcct gcctgcacca    240
gcaccagcac tgcactgcaa tcaattgaac cgcacgataa cccaccgtcg tccaatacca    300
ttctcagccc tggctggttc agtgctttat cgtcctcttc ctgcatgaga gtaatcgtcg    360
tatttcgctc cctcgagtag tctttcttca ttaggtgctg tttcagcctc ctcagcttcg    420
antcctccag ctctcgcact cgcggttctt cgtccggctc cgacagcaac acaacgcttt    480
cgccagacgg ccctcttct ctcgcctaaa aatcgtctgc taataacgaa tatcaatatc    540
attcatccct acaacgcttc ggtgcattga atcaattgct tgcgcatct               589
```

<210> 1951
<211> 719
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

<400> 1951

```
cccaggtca tccgtgcttt tatccaccac cttactgttg acctgcgcct gacacctctc      60
tggatgcttg tctcttacga agtccagaag attctcgctt ctgagcttcg ctggcgaagt    120
ttgacctgta ccgaggagca gcgtgttgat gccgacaagc ataacagtgc tcaaatcgag    180
ggattggctg caaggcccgt cgtgttgagc gtgaacgant caanatccac gaggtcaagg    240
ctgacgaaag actttatttc tcgtgccaac cccgctatcg acgagtggaa gaacaaccgc    300
```

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```
aagggcaaag caagtgcatt ttacggaggt tcgccatgga tcgaccagga gcaccgccgt      360
tctttgctgn cgaaaaggac ggnanggcat gtctatggtc gttttggcca acttgttctt      420
cgtacggntg gcaagtgaag tgggctntcn atttcctggt gctgtcaacg gngccatcga      480
ggtctgggca actttgcttg tccaacgtca ccggaaaggc acctttgtgc angtgtgtcg      540
gaaaacttac ttgccgngaa cacgttggcg gaattccncc aagttcttna cgccncttac      600
gaatttttat tgacaggctt nggctttncc gnaagggttt ntttccnatc caaattcggg      660
gccctgggga nagganaatt tacatttgtt nttctaaaaa agggngttgg cctgnccca       719
```

<210> 1952
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1952
```
aagagatgtc ttctgcgtct tctctggtac catggtgtcc aagttccgcg actttctcaa       60
cacttcacca cagtttgagg atatgtggga caatggctgg aatcgaccag cagtcttcgg      120
ctcacgacgc cctgttgcgg ccagccagcc aacagcacct cctggagagg gagctgacga      180
cgaaatggtt gatgatgaga acgactatga gggtttagac ggtagcgaga tggttgtgga      240
tgcccaagca cagaatcccg tcaacggcaa cggaaccgtg aaccccaatg gattgacgaa      300
caacgcattc caacaagcta tccctatacc tcctccactt cctggttttc caatagaagg      360
cggagtgcca caacctacga ccagtcaagc gagcgcagca ccccttggcc atggggccc       420
agcaaatgga gaatcccta gtggcgcaag cacagcgacg atccaccggt cgcaggagaa       480
tggagatcaa tctgactcga tgaactaaac aaccagaact ttgctttcgc tcacttagac       540
aacgcaccag attggtttgg gttctttccc tctcatgaat agatatgcgt gcttgccacg       600
gcggntggtt gacggacaac gttcaggatt tgggttg                              637
```

<210> 1953
<211> 614
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 1953
```
ccgccatctt actgcatcgc gtctagcttg accaagatcg agaacccaca tctgtctntt       60
aaaaggaccc agacccaacc tttcccgtgc ccccgttcgt gaaacggatt ctacgttata      120
ctttatcgag accctgttgc tgctccgtgc tcaccttagc ttgacttcct acacctacca      180
cttgctctca tttccctcct gaccctgtct cttcctcctc attcaacacc atctatctac      240
tctgtacctg ccttcctgcc tggacaatag cccttcctag gaatacaata ttacctagnt      300
gntgttctcc tcctctactc tactctactc tactctactc tactctactc tatctatcta      360
ctgnttaaaa aataagcccg accaactntt tcgttccctg agcggcattg ggttgccaat      420
tgccaccatc actcatcgca ttcatctcag gcttttttgn ccgcctaagc caccnatttt       480
gttcgcac agtcactgtt tttttccaac cgccgnctnt gaaacganca caatggattt       540
acongggcaa acaactttgg caacccttaa gcctaccaac aagtttatgc cggcttctt       600
ctttgacgcc ggnt                                                      614
```

<210> 1954
<211> 577
<212> DNA
<213> Fusarium venenatum

<220>

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<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 1954
cgagaaccac cgtatcatgt ctagtctgcc gcagcaagct cctttgttga gcgcaccaaa   60
ggctcgcttc gttgtcagct ggtgggatag ggaggttcac atctggcttc ttcgacagtc   120
agctaccgaa atgatcaaca ccgagaacaa cgatatcaac caaaaccgca agctgattaa   180
gactattgtt gtcaaaggag attcgaatat tacctcggca actattgacg acgagggttc   240
gcttctgatt gttgctactg ctatcgatgt taaggccttc agactagaac accaggatcc   300
cgtcaggccc tctgatgtca gggtctggtc ttccgaactt ccttcaaagc ttgcgggagt   360
cggtgccacc aangtcagct gtcgcctaac gcgcagtggc tctgcgcaat caagaangct   420
ctcgcgttgt catgggtgcc tcgacccgt tactccagac ctgactgnct tttnacactg   480
tcaacgactg cacgcctacg gngatcagtt aacgtatntc ctcaacggag gatggcaaat   540
tgacanggcc attcgcaagt gctttttccg gnttcaa   577

<210> 1955
<211> 797
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

<400> 1955
ttcacttaca cggcctttac cgatatcaac gactactctg acggtaaccg cgcgaccaaa   50
ctgccaaata acacgttcaa atttccggtt tgtcgaaaga tataaagagg aacactaccc   120
ttgcttgtac ggaaatcacg ctcagtacca acgaccccgg cacacgtttc tttcccagaa   180
cagtgccctg aacgactcgc ctatcgtcta cacatatata tacacaaggc ctcagcccat   240
ataataacaa tttatggcgg ctatgatgtc gtctgtcaac ccctttacac cggtgacccc   300
tccgccggag agcctgtcct ttcctaaact tcctgcccaa aggccgttac agaacaacct   360
caaacgcaaa gcatcgtcac aagaccctct aagtggccta acaggtctca acgcttccgc   420
aatgatggca ccacctcctt caccgacttc acaaccccga cgtnctcgtc accaaatctg   480
gctcanggnc aagctctaca gtacttccca agtctagtgg tgcgacaaca cctgaaattn   540
ctaacatacc tggngcaaac ctcgatctaa atatttngcc tggnattttc gcattggcgc   600
ctattattaa caaaggngcc aggtgnanca aactaccaca acaacgttgc aggcttgggc   660
cacatgcnta ggcaaaatgt anggaatgag caggtttttt gttggggtg gnttgggttn   720
ggaaaaccgt ttcanccnaa aggaaaaaaa naaactcgtt tccacccggn tggaacccgg   780
gaanattcaa anagatn   797

<210> 1956
<211> 500
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

<400> 1956
cttctcttca ttcttctttt cttcaatcaa cctacacttc atcgacatac tcaggttctt   50
aaccttaacg catattctac gactaaatac atacnttcag caacatggct cntccgccaa   120
accccaatct tcctctccag gagagactta tggctcttgc ccaaaccctt cagttcggtt   180
ggtttgtcgg gtatgtctat catgaacctg tcgcagtcgg ctgtgacggc cagattgtat   240
gatccgtgac taacgataat agacacctca ccctcatcct cgcaacgatt cgatatggct   300
tttcctggtg gagaatgaac tactataccc gcatggccca gttctcttac cgaacagcct   360
ttgtcgccgc cgccgtcacc tatggcatcg tcgtntacaa gacaatgcgc gctcgtgcta   420

agaacggcca gcgtgctgct cccactccct tggctatgct tgccgatgan aacattcaat   480
acctcgccat gtctcttgtt   500

<210> 1957
<211> 169
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 1957
nacatttctt gctncacacc nggganatg catattgtgg cctaaagaat actcaattga   60
ttttactntg atcgcctcan ntgattatat accgncngaa tnactctagt gttacctaac   120
cgcttnatca ccaaaagtga canacacgan cccggggctn tacnaaaga   169

<210> 1958
<211> 299
<212> DNA
<213> Fusarium venenatum

<400> 1958
agacctcagc agcatcaatc gcagcaagac taccgcccgg atcagtatcc ccctccgcca   60
cagcagcatc aatctggtgg ttacaaccaa ggctaccagc aagaccaagg gtacggacac   120
gatcaaggtc aaggccaggg atacggaaac aatccccgct actaagaact ggaaatgatc   180
atgtctggta ggaagcagta tcgcattggc tgcgcttcaa aagttacata gcgtcgggtt   240
cagcatggcg atgctaggta gaccttgaca gattgatgaa tgatatgacc attagacct   299

<210> 1959
<211> 390
<212> DNA
<213> Fusarium venenatum

<400> 1959
cgagtcgtcc atcatgtcga cctcggttga tctaacccga acttacctcg acaccattgg   60
cagaacgcat gtcagtatca aggcgagaaa cctagttgac gagttccggg atcgatacct   120
catcatctcc tacgatgcgc ctttgtcgag cgctctccga aagcctctaa tcatctttgc   180
cagtgcgatg gcggtcttcg tgactacttg ggctctgggt caactgcaag tggaatttaa   240
gcagaagaaa tagacgttta aatagaacgg ggcatctgtc tttgatcgag aaatcttcgc   300
tttgcagggt tgcggaagcg aatttttaag acaggatgta aaaagtgcaa catagaaggg   360
aatctcataa tgaaacaagt ttctagtttg   390

<210> 1960
<211> 553
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 1960
catcatttct ggctttacaa tctaccgtcc aggcactcct ggcgtccttg tctcgaccac   60
catccatcat ttccgaaatg agggcggcca agcgtgaggc ggatagaaac tttaattctc   120
tcaacaaatc caggtggccg cttggcctcc tagatgacac tagacagcgg ctctatgatg   180
agaaggaaga ncgggcgcgg aagtcaaggg aggaagccgc aaaccttgca agggaacttc   240
gatacacgca acagacggtg gctggggaac tggcagggtg gcaagaccta catgaaaaga   300

```
tgggtcgcca ggctatccgg gantttgtcc gtgggatggt ggtgcaagaa anaatgaant    360
tggatggcat gttgaaggcc tcaggaaggt aagatccgat ggtcaggtcc aaagttggct    420
ggaatgatta cgggcaaggt cctaatcctc nacaatggcg gaactgaagc tgtcatgatg    480
gacanactgg aagccgtggt gatcctccta atggcaatta tacaattgtg atacgattct    540
gggatagatc aac                                                       553


<210> 1961
<211> 266
<212> DNA
<213> Fusarium venenatum

<400> 1961
gattctttc aaccgtacac gacaggctgt cattaccgga gagctggtcg agattatcac     60
tggtgctact gcctctgcgg acatgtaagg agtgggagta caagtcgggg tgtaatgctt    120
ccctttgtaa caaatgccaa cgggtcacca tcctcgcatg gtctccttca ttgtatcaaa    180
gcttcaataa attccttagt agcccataaa gtcgatatgt atggtaatct aaaaaagaga    240
ataagtagcg atgccaggaa gcttgt                                         256


<210> 1962
<211> 613
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G


<400> 1962
ctaggccgtt tcagaggctc ctctctaacc cagctaacag cttgtctgtg ccgtacttna     60
naaagttctt catctttggt gtaattcttt agagcttcag gagacgatgg cctgtcccca    120
tattcacgag gtggcatcgg ggatcgagaa gcatcaagta cagatggaga tggtgaccgt    180
tgacgcatgc tttgatgatt cgatatcgtg ctttcttcag gggatctggg gtaggctgat    240
ccgggagccg aacgaggctt tctcaggtgt ggaggagctt gaagatgtgt gtcgatagta    300
gttactctgc gatgcggttc gcgaatggga cttgcgggtc gttgcatgaa tagaggtatt    360
ggcttcaagg ggctcggttt gaaggaaggt ccgttaatag gatcaaagat gtcnacccaa    420
atgacagact tcgaagtatc tctgaaattg ctcgaagagt tgctggatgt gccttcatcc    480
cctgttaccc catctccagt gcggtaaatt ggcggttgcc ncgcggaaac agactgtnta    540
tgtcaataca ctgaatcaaa tggcagttca cccttacctt taagctcctc tcattggtgg    600
taaaaaaaaa ncc                                                       613


<210> 1963
<211> 621
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G


<400> 1963
gactatagtg catttactaa gtattcatat ccatactcgt gctcatttgt attttttttt     60
ttcaatcctt gatccatctc ttgagtgncg atctccctct tacccgtacc cctcctgcag    120
ccttanaaca cgcagaccca atcccaatca caacccaac ccgaccgccg acgcgccgga    180
tttaacgtct ctacttccac ctcaacctta accttccgc accgcaccc gcatgcatac    240
aattnaacgg cctctcggca cgattagcta tcagagccac ctggccgtga gctcttgctc    300
caaggctcgc gacgtcggtt tcataagctc gacgtcgnta tcgaccttgg acctggtcc    360
tgatgccttt ggtaacacgt ctgggaatgg gtcgccggtc aaaatctttt ccacgctctn    420
taacgttaca naagctcctg gtcctacaaa ctcgacggct ccaacactnt tgataacatc    480
```

```
gggacatcct ntccggcgag tttggcgggt tcttcacttc caacctcaac ggggacgtca      540
cctacgggat ttgnaacctc tttacccccc anggttcttt tgcgcttaan ctccggtttt      600
ttacnttggg caaccnaaat t                                                621


<210> 1964
<211> 587
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 1964
aacaaggtca gcgaugaacg gtgatctccg agctcaguac cgagctctca tggatgagaa       60
caagcgtctc acagacctta ctcgcatgct tctctcttcg ccttctttct ccaacttctt      120
ggacaacctc agcagcaacc cggccgccgc tcagcagact cctcagctca aggtcgagcc      180
ccagcccgaa cagcgacagg ttcccaagga catcaaccca tacaacgctc agcagtcttc      240
tcagcagcag attggcatgg ccatgatccc tgagcagaac atggacttct ccatgcttac      300
ccttgatggt ttcaacttcc aaccccaagt ctttgttgtc gacacacccc aagttcccga      360
agttattgac gctgctgttc tctccggcaa gtcatccaac tttgtcgagc ctatcttcga      420
ctctgaagaa gaaaagctcg aagttcccgc catccaacgc cttgttgcca accctgagat      480
ttctgaacct gtcgacgctg cccgtttcga tgctganttt gaagctgaac ccgaatttgn      540
cctgttccat aatgaanccg ctaccaccgn caccgaatca accaagg                    587


<210> 1965
<211> 646
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 1965
caagcttcat caatatacat caaaatgaag ctcaccattg ggctcagtgc agctcttgca       60
ggttttgctg ctgcctctca ccaagccgct accaatcttg ccaaagttta catcctacga      120
ggatcccacc atatcgagcc tacaacgagt ctcacccga gcgaagcacg cctcatcctt       180
caccagcgtc tcgcccccga aggagaggga ccttcattcc gcgatttcac tgaatccgac      240
gatgaggaga gaatcatttc tttaatgaac aaatttggca aaactcctgc gccattgttt      300
tccgatgaca cgaccgcgac gccgcgccag ctagttatca acattgatgg aatgcctacg      360
ttcgagtatg aatcgttctt tggcttggtt cttcaacaca aagcccgact ttactttaga      420
cccgagcaaa gagatgggga gcccctgaat cttticaaacc gttgtcgcca agagcggaat      480
ntccctgagc agatgtccca tggacancac ttgttcaacg gcaaacactt tgcaactata      540
caatccagat gtgatcccca caccctgaca actctagctc aaaatcccna tcgnaatgcc      600
nccettatct cctccctgtg gcatncaaga aattgggaga cagact                     646


<210> 1966
<211> 501
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

<400> 1966
```

- 757 -

```
ccgcaggaat tttttttttt ttttttttttt ttttttttttt tatcgttcaa taaaatcatt        60
tctttgccat catctaagtt ggtccaatac tacgccaaca actccgtgtc tagatcaaga       120
gcgctccgtg taaaccctcc catttgcttc ctggctttgt gatgttgaag cctttgttat       180
actgcccaat gcccccaaaa caaccaatcc atcaagtaaa ttttgtgtat acgcctgcag       240
tgctgcgcct tcgtccctga aaaagaaagt gtaccaattt atagttgcac atcgttgttg       300
agcaaccgga cctnttcacc tggcttgaag ggtggaaggg ccattttagg gccttcattn       360
caatnggaaa gcntngccaa gtggcagttg ccacacgagc aaccttgcct gcactgngaa       420
gccatctcgg caggtcgtcg gtgcaacttg atgctntgac tgttgcggct gtggcaccct       480
tgcggcgtnt tcagcggcaa g                                                 501


<210> 1967
<211> 792
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G


<400> 1967
ctctgatacc tattccatgc aacctgctat tcgcaaacgc atatattcga tgaggtttga        60
gggccataat tcagatctct cgccgagagc cgatacttcc ttaagggggt atgttcaaac       120
cccatcgcct ccgttcgaat aaccatggtc ttgaacaatt ctcgtccgcc aacacccaac       180
cctccccaga acttcaaatc ttcccatggt tatacgccca taaaccgtcc tccggtccat       240
cgccctcaga attggatgct cgacgtcgcg ccgctgaacg tcgctacttg aagggccaaa       300
gtctactaat acctaggcag tacggcattc aacaacaacc gactgcaggg ccacattcac       360
gcatgcaaac aaaacgtgca tcatcaatct cattgcaatg catatattcc gtttnaggcg       420
ctgcaggagc gttcacgctg tacttggtaa agaaattcng catcgtgctc atctcctctt       480
gacctgtgga tttgcagcat gaggtaaagg cttacatnag caaaacttac aatatccaac       540
cgccacaagc tcaccatcga tccaaagttg ggggtacgtt ggncaatccg caaactcttg       600
agtcctgtcg gacctcgtcg tcgncaaaat gtgaaaaatc atcttgatga attggttcga       660
cnaaccaacc actgctaana aacccctggg ggactggngg gcctttatna aaaatgaagg       720
ggggcttaaa ggttttaaaa ccttgaaagt tntttttttt ttagggctgg ttttctttaa       780
anaaattgtc cc                                                          792


<210> 1968
<211> 649
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G


<400> 1968
ctgagatgtt cccttnttta tctacctaag ccgaagctaa ggtacaacaa gacangggag        60
gcatnttatc aagcaacatg ganacccaag cttaatcctc acggcacgaa actgtgcgcc       120
atcataggca accaactgcc taccatcagc ccatcaatct caacgtaata tgnggctctg       180
agtttgactt tttcatcctc aaagtaatat ttctgctatt cgacgagact ttgtttttct       240
tctaccaaaa gtgcatccaa aataaaaccc cagctattcg gcttgccact tccttccgcc       300
attacagccc tactaaggca accaagctcg acagcccaag tcaagacgcc ttcaggacaa       360
ggaacggacc ttgaaacaat cacccgtctt ctagtgcata aaggtcgcct ttttgatctt       420
tatctttat cctnnggctg cttcttgcta cgaagcctgt gatggntaa aatctcttcc       480
tgttctatta tcacctcgtt atggaacaag caagatcctc aaactttccg ccttattcta       540
ccggccccg tgatactgaa caccgatcaa ctcgncagtc tttattggta atcaccttga       600
cctnggccgn ttacaccanc ttcccgggcg ccaccccacg aantttttt                  649


<210> 1969
```

<211> 611
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 1969
aatttttttt tttttttttt tttaatggaa agcgtcgatt atgctatcaa tgacaatttc   60
gtaatcaaat attctgtgct tttcgcggat cataatctac cttcggctgg ttgaaccaaa   120
tccagtgctc tcgtgacggt tagactcgtt tgatgaagat cctgagcgac caccccatcc   180
tccgcccatt cctgatcctc ctcgtccgaa actgccgtag tcattgttgt gattattgta   240
ccgattttgg ttgcgttggc cagccagata tcctgcggca gcttctccac ccgcaccgtt   300
cagaaaccag gccttcagga gttacttgat tgagaagagg gcttggtttc ngggtatgga   360
gggggaggat cgtcaccatc ggggacccna accaggaccc cattcaccaa aagaccaacc   420
gtcaccacgg cgccgangtc tgntggggtt gctgncanct ttctgcgctn tgtagcatgc   480
cgagtagata atcancccga gtacgccaac aaaaatgatg gtaaagaaaa aanctccnca   540
atntgtaccg gccgcgggca tnactgaacc aaccttcgtt ggcgatgtta ngataacnac   600
cttcgncctt t   611

<210> 1970
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G

<400> 1970
tcattcctga gacaaaggga acaaggttgc acttgttcaa atccggatct tgcagagggc   60
ggaaatcctc aacccaactg attaaactct taactcgaac aggagcacaa catagactag   120
aggcgtctac catgccaact ttggcgcttc atctttgaaa tctttcaccc ttccgtcttg   180
cgactttgcc ctgcctggct gttcctctca tttgtgattg cgattattgt tcagtctctt   240
tttttatct taccaccact gcgcctcaat ttcgactcga tctttacata ccatacatac   300
gtacgccatt cctcttaata ccgaccgtct gcccatcatg tcgtaccttc tctactccat   360
ctcattcttc tccattgtcc tcggcacgaa tctcttcttc acccgtgcca ctggatcctc   420
acctccaaca tatgcgaact cgactcccng cgccgantac attactcgcg anttcccaac   480
agcttcgccn gcganatcaa gctggtctga ntaatacact ttaatttgtc gaaacttgaa   540
tntggcgatc ngcccggctc gacanacacc aaggcgaagt ctgcttctg   589

<210> 1971
<211> 392
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 1971
ctactgctat cgtctcaagt tcaggcagcg cccccaaggg taatcctgag ggcacagatg   60
acactgagcc cgctgacacc accaactgtg ataccagcag cttcaaccaa gaatgcggca   120
agtcaggctc tagtaagagc agctctgaag atggaggttc caacgctggg tcaaggaatg   180
gtgcgagtgc gttggccatc atcattgcag gcggagccct gttctggctg taatcaacat   240
attcgtctga gtgttccgtc ctgcgattcc ttgccatcga gtcctctctc accgtcttta   300

```
ttatatagca tctcactgcg ctttcccttc tgctaacata tttttttcatg gggggtgggt      360
ggattagana ctttttttgnat gaatcgcttt ct                                    392


<210> 1972
<211> 439
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 1972
nacntaaaan atgcgttnta ccgntgctct ccgaatgttc aggcagaccc ntcgcatgnt       60
gngaccgtc cccaaggagg accaggctgg ccacaccatc tctcagcgac tccgaaagct       120
caagcagatc cctcctgagc tgtaccccct cgctgtcgtt gtcggnttcg ctctcggcgc      180
tgccggctac tccatttctc gcaagttcat tgtcgacaag aaccttccgt ctcgctcgac      240
agggccctgc tgcgcgtcag gcaagcagcg gtcacnggtg agaagcgagg agcactaaac      300
ttataccgaa gaatagaagt gactcttggg ggaatgaaat tggttgaata tcctgggacg      360
ggcagtactg tacattccan aacgnacggt agcagggaaa tccgtcagac ataaaatatg      420
aatttcngtg attgatatt                                                    439


<210> 1973
<211> 512
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 1973
aacacctctc tcttcaactc gcgacctgtt ctcacctctc aatccagccc gctctcgtca       60
ataatcgcat tgcaaccatg aagattctca caaaggaaga agaggaggcg cattattcgg      120
ccgtcgtcaa gggtggcttc atcggaggca gtcttggtct tgcaatcggc cttggaggcg      180
ttgtccttgc ttcaaggcga taccctgctt tccgcggcct cactcttccc ttcaggacct      240
tcctcgtcac atttgccggt acattcggcg ccatcatcaa cgccgatcgg tggtccatgg      300
tttatcaaaa gaagcagaac cctttgaact tttacgggga cgagacttag ggcgcgcagc      360
aaattgttcg ggagaaccat actggaatgg gggcgtttta tggactcccg gaaagggaga      420
cccgatactc tttcggtttc gtctcatggc ttgcttncat gggtgatgat tttgccatgg      480
tnaggccgtt cgnccatgaa cacagccaac aa                                    512


<210> 1974
<211> 767
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

<400> 1974
ttgaaattaa cacatcaaca tacttggatg atatcataag acgtcaatac ttttactatc       60
cggataacaa caaaagacag cccgagtgcg tctgaaccga caaatactca catcaactac      120
accatatata tacataacct gaaaatggcc accgagaccg agactttatc cttttcacta      180
ccaacgagca ctgctcccac cgacgtttct gagtcaacat gcatgcctca ctctacgccc      240
tttcaccaac aaccttcggc atatccgcca cagnacatac ccgccgagtg ggatactagg      300
```

```
ataccaccaa tgcaaacacc tgcaacgcac gcgcaacaat tttgtagcga gggctcatca    360
cctggaagcg gaagcggctg tttcaatgat ggtggtcttt tatacagggt ccaggctgag    420
cgagaatgtc gggagggacc cggcaaaact gtcgaagagg cttgccaacg ttcgctaaat    480
cactttcctt gcccgggact cgcctttccg atgccagctc tcgatttcga ttttcgaatt    540
gcggttcgtt tgaaccaaga cgctgtccat gttgagtcag gcaacaccaa nggaaatcac    600
taccgttgca agccggtggt atnggtccgg atcntttggc caccgccgtg tcattgcaag    660
cggttatgat cttggtcaac accngttttc gggcccatna agcttgttga aggccctttg    720
ttntccanac aaatgatgaa aagnccgcat tactcgaaaa tgcgcac                  767
```

<210> 1975
<211> 102
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1975
```
naaggccaat ctgtaattgt gtntgccctc ctataagagg atngagatnt gggaatgcat     60
atnatggata ttggatatng agcgagattt cgttttggca ga                      102
```

<210> 1976
<211> 846
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(846)
<223> n = A,T,C or G

<400> 1976
```
aggaattttt tttttttttt tttttatttg cgaccgtcta tattttataa gtccaacctt     60
tgacaggtgc agcggaaatc aaaatctagt ctaaatgaat ggtcgctagt atgaagtatt    120
aaatgtaaaa attagcatat ctataaagtc gttttgcata tcgcgttcgg atctcatata    180
atgcattccc ccaatcccgt catcgctcgg cccaatcaca ttggtgtcca aagcggaata    240
aaaacaaccc cctatatact aacgccgttc gctttcacga acaaaaatca aatcatgccc    300
aagtgttatg cttttcatgc atcatgtaag gatcgtaaga agttttgaag aaagaagtaa    360
ggtggagttg atcaatcagt taatcgatca accagaagaa ggtccaattt agatganggt    420
aggcagcggc gaaaccgaca atggccaaga aaccagtgac ggggttcatg ccagcacccg    480
gcagtnacag gttcgggaac ataagaaygt ggaaggctcg tggtccctcg ttaaaagtcg    540
gaaccgaacc ggannccggan ccggangance tgtcaccacc gttgctaccc ttgcttccac    600
tgtcgctacc ctcgctgcca ctgtcggtgc cgtcgtcatt gctgggttgc tcgccctgag    660
gagtcttttcc accctcggaa ccggagtgag gaggaggagg agcgacaccg gtagggtgag    720
caccgccaga aggaacgggg tggtaggtgt gggaagggta aacagcggta ccgttgtggg    780
cgtgatcgac aggaacggtg taagtgatgg tcttgctcac actctgcccg tggttggtgg    840
ggtgag                                                              846
```

<210> 1977
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 1977

```
ngataacatc aactgcctgg agctcatttg tacctccccc aaaacgatcg aattgaaacg    60
gcgatcatgg gtgtcaaaga tctagctatc agctacgtgg tattcaccgt cattcatttc   120
ttcctctttg cccttgctct ggcaacctgt ggtctatatg gcaccgacgt ccatcatgcg   180
aaccagcagg gcaagtactc cgactcgaaa tgggtctacg ccgtggtagt tggtagtatt   240
tctgctgtga cgtgtgtcct ctacttcgtt ccctttgtcc tgcgtatcgc cggtgtcttt   300
gttccggtat gggactttat tctcttcgtt ctctggatcg cccttttttgg cgtgttcggc   360
aagatgtata tcaacgagga cgctgaaggg tgatggaaaa cgtcagacgc atgaaagaac   420
gctgtctngg gttgaactcg ccagggccct tcttctgggt tatcgcaaca attggggggc   480
tttcggatac tgggtggaag catgngnaac atagancngg gctttactgg gcgcgcttaa   540
cggtttaaat taaaatatng ggccccagan attgcattgt taacgccccc taataagggg   600
naaggattaa acnaaagccg tnggttcgna cancg                             635
```

<210> 1978
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 1978

```
cgaccttctt tacaacgctc agcgtccatc tgagatggct ggctcgccta ccacaccccc    60
tctgatcaac tttgagcggt gccgtatcgc cgcctctgtt gtcaagacac tgctcagact   120
gctggaagcc agcactcgat acaagttcca gcctatcgag ggcatcacag agcgctgtct   180
ctggatgagc gccttgagcg acgaggatat tcgacgccac tcggagatgc tcgaataaac   240
ctacacaaac atgtcgatca cccacatttt cataacacat cacacatatg ggaacgataa   300
ttacgatttta tgacacaccg actcgacggc gtttcatctc ctatgtctca aaatcatcac   360
aagagcatac ccagcatgtc tctacattat accccatctc ctacatcgta taatcatcaa   420
ctgctacac aacaaagcca tttcattctt caactactac atacaacata atcattatca   480
aagcatctgg gactgcagca anggagttgg gaacctttct tttttactt tccggttcca   540
ttttcacaag gaaattcatt gggggtttct aggnctaatt tcaatcatac cccgcacagc   600
gcaaggggca aacctggcgt ctggtccttt ttt                               633
```

<210> 1979
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 1979

```
ctttnatgtt catgangctc ggaacggctg ntggtgtgta tggcagcttc tttgttgatg    60
tgatcccnac catctgcgat tatcttgata tctggtgcct gaccatcaag cacccttatg   120
tggagaatga angacccag gccaacggta ctaagaagga ctagataatt ccttacatgt   180
ctagactgg cncgacagca ggattctgaa aatcaagtcc ttgtttttgcc tcgtcgacct   240
ttcagtcgtg catctcgtct gaacactgan gcatgaatga cttattgaaa gggaaataat   300
ggaaacgtta tccaccanag cagagaggag agaacagaaa ngggttactt atcttaaagg   360
ggggagaaag aaagtaatag cgatgggtac atagaccgac gtttgagaga catggtttcn   420
ggtaggtttta acgaaggaga tatgtatgat tttacgacna anggttttgg gttttcttct   480
ggagttctnc agcgtatctt tggtttgtat tattttgcctc gaaanggtgc cagtggcttt   510
caaggttgga gtttagtttg gnttaccggn ngctcttttt gttgtaaaaa anacccnana   600
nacacccccc                                                         609
```

<210> 1980

<211> 530
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 1980
gacagaacaa aactcaatag aaatgactcc tccggatttc aaatttgtat ttgacgagac   60
tgtctcanaa tggaacgtca accaccgcga atggctcaag acgcacgaca aaacgtggga   120
ttntttagcg acaggagccc tcgtntttga cgcctctaac cgtattctcc tcctgcagcg   180
cgcacccgat gacagcatgc ccaacaagtg ggaaattccc ggaggagcat gcgacgacga   240
ggacgagagt gtcctgcatg gttgtgtgcg cgagctctgg gaggaaacag gtctagaagc   300
cangtacatc cgtcacgtta tacctgacaa ccaaaacggg aagcccgggc ggtgtttacn   360
aatcgcacgg gcaananatt cttttgcaag tttanctttg aggnggatgt tgcttttggc   420
ggatgtgaag ctggacccga aggagcatca ggattacgtg tgggccacaa aagaagaggt   480
taacagcant gccttggggg aaanggagat tcntttacca atgccaatat   530

<210> 1981
<211> 385
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 1981
cgcagcaaac cctaagactg gtattcctgg tcaccttccc ccaggaccaa aaccatcatt   60
tcatcctcca ccgtcattcc ctggactcgg ttccccaaca ttggcggcag atatgcaggg   120
ctctcatgtt ggccgaacag ggacggagac gggacgtgcc agaagccgag cccctggtgg   180
acgcggccca cgtatcgggg ttatgccaca accttctcca atggcgtcta tgctgcttga   240
tcagcatcat caaccctccg ggggcaatat ggtcgcacgg agtctgtatg catcaaggta   300
tccacnaagg tatcgggggg agagccaaat tatcgaagaa actgaagcca gtgccatcag   360
gcgaagcggg aagatgatga actgt   385

<210> 1982
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1982
ctccggcaaa cctcactcca gcttcccgtg tcccattctc aacttgaatt ctttccttct   60
tcttcatcga gaagcattat tttcactccc gngactccaa aacagtatca caaactgcaa   120
taccatctat tcttaattct accgcgtttt gcacatttgc gcttgtaaac cagactcgct   180
ttgcgacaac aattgttacg tcatcatcat gtcggacgga atcgctccag ctatagacaa   240
agtcggcgca actgcaccta cggccccga agctgaggct ggcgctccaa ccttgggcac   300
agcagctcct tcagagccta ccaagtcaga ggagagcaag cctactggtg tgccggtgg   360
tcttcacgct tccgcaaagc ccgtcgaggg tgcttcggtt ccacaaacgc ccatcaacaa   420
catgacccca gcaggtggca ctcctcgacc tgtgctcaac atcgaaaaaa aacccaagga   480
ttcccaaaag aacgaagatg anaatgcttt cgtcaccacc ggggtaaaaa caacctttgc   540
cctactgttt ggaccnaatg atgtaaacgg gacc   574

- 763 -

<210> 1983
<211> 679
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G

<400> 1983
```
cgactacacc atggagccac gagaggaact atatggtaga gatgccatga gcggaaatgt      60
ccatcagaca tcaagctatc cgcaggcttc atacgagcca caaccttctt atgaccagca     120
gcccaactac ggtcatacca acggcaatgc taacggtggt gccaaagtca acaactacac     180
tttaacaaca gtgggagagg gtttccctag acttgatggt ggcgcgaccc atgagactca     240
gccatcaact cgaaaggccg aatcagtgta cacggagcgt gactcagttt tgctccagac     300
agacgatgaa gatgagaccc ctatgcctac acgacccgtc ggttaacaac ccgtccgaga     360
gccataacac tatctcaaac ttgcacattn cttggcggat acccaaagag cagttatgca     420
cataagcaag attttcgttg gcgtctttat tttcctttct ttagcttatt atctccttgg     480
ncaactgngt atgaatggga cngacaaaga tgactagtct tgaanaatgg gcaagaagtg     540
gtaaaaaggg ttggaaagca agtggtattg ntnggaggcg ttggcttnag tggggaagtt     600
taggnggaat aattatnggt atttgggaaa tncctcgctt angtttggat ttggttatnc     660
ttggatcggg tttcaaaaa                                                   579
```

<210> 1984
<211> 610
<212> DNA
<213> Fusarium venenatum

<400> 1984
```
attttgttac tctcaaatcg acccgacccg tctcgttcat catcgttaca gtactgaact      60
tatacagtag accgtatatc caccaattgc ttcgcctcga cgcctctttc tccgtctttc     120
catcacagtt tgaacggaca caaagaaccg caagcgagaa aacctgcgac atcatttggc     180
acctaaatta cctagtgtgc agtcgatgat cataaaagag gggcagctgt tgttttggcc     240
gaagctccag ctacactaca tcatcaccat agcgtggtaa accttgtatt gtttgcttgg     300
tttagaaagt attctgtact gttcgttcag agttcactac ctcgcattgc attgcacaac     360
ggtttaccgt cgctaacaag ctcaattcgc ctcgcctaga agttaagaca gattcacttt     420
acttttacg ttggtcttta tttgaaacgg cagacctttt tgaaagtatc attgagggtt      480
gccgggccac ctttccagcc accacaagcc aggtatagag catcagctcg acctatccta     540
tccaaattgc cggactctgt gggaatgcgc caagcgtttg aatcctttgt ccacaccggc     600
aacaagacaa                                                            610
```

<210> 1985
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 1985
```
caaacaggcn atcgntaang gngcnaanga tactnccgnc gtttctcgca cttactcttc      60
ccctaccgcc cgggatgant cgccagtctc ctccgcaccc cctccttacc aatctccnaa     120
tgagcattcc tatgaggaga ggcccaaatc tatgcagtcc gacttcgaag tcaagagtgc     180
catttcccaa gctacaacat ccatcaagga gactgctgag ctgacctacg aggagcttaa     240
agctaagctt gcccaagctg agcagcagct cgtctctctt aaggatagcg gtctccgtca     300
gcgaaatgtt aagtccgatt ccaacgacga tgagaagcgg cccatggccc aaactgccca     360
```

```
agccattcag cagactgtcg agggtgtacc agtccagatg gcggctatcc tctgcttggt    420
caagcttcct gctcgcttat ttcttcttct aaaaataana agatggcagc ccaggatctt    480
ctacaaanaa actaatagac aggcctgatg acgcttatga taactccact gggaagcatg    540
gaattctang ngcatatatc ttcaaaagta ccggaaaagc aangcctgga aagcatatna    600
taatgatggg taggatgngg caccantcan                                     630


<210> 1986
<211> 659
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 1986
ccagaacaaa ttcgacactc tttatcaata ctttcaaaaa ttacacaaca tggctacaaa     60
gactgagaca atttctcatt cagtattcaa caataatggc tgttcttcta cacatttgta    120
tctacctccc gattatgaag taaccgaagc catcgagcta tcccccatct caccagcatc    180
ctgctccaca aactctctcc ccgattacac agacatatac aacaataaca cttcgaatcc    240
cgaagcaact gacttctatc ctaccaaaca acttcagatc caagcatccg gattacctct    300
catcaggctg cctttacccc cacagccaga tcccatctac atcttcaatg tcgcaccaac    360
aggaggacat agagggaagc agaatacgtc tctattcgac cagctcgtaa ttcaggatca    420
tgcttcctag cccgagcaaa cgattgcgca caaataccac tttgcacgac gacatatcgc    480
tttggaccag gtaaacctcc caagatccgt ctcgaaacag aatcacagaa cggaaaaaca    540
gaggatatag agatcagttg caagggagtc ttgaccgtag cgtagttatg cgaactcatc    600
tcaatacctt cgaatggcga tatagttccg cgctgagcgt cgngccggac aaacctttg     659


<210> 1987
<211> 487
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 1987
ccccaacagc actgacaatc tccctgtgcc accccaggct gcccatttgg ccaacgctgt     60
cagcgggcaa caggaacctc gaccaatcca tctcctccga gttcctagct tcaacccccc    120
tgcgttcgaa gacgatatcg ctccacctcc tgctgccgag ctcgttcatg acgcacccga    180
gcctgtgatg acacctccac cgcagtatga tgtcgtggtc ggaactccta gtgtagacgg    240
tatggccgac tactttgcac gactggccga cgctggatat gagggccaag atgactcaga    300
atcggaccca gatgattcac ccccaaggat tctggacaga actggacgtg tcaacgtcgc    360
taaccctcga actcctggtg gccggagaat gccgagtcga agcttggaaa tctccagacc    420
cagcattcaa ctgaacatga atgcactcca taaccgactg ggcgtgcagt gngaagagca    480
ctacctg                                                             487


<210> 1988
<211> 609
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G
```

<400> 1988

```
tgggaagcag ctcttcagga gcaacacaac caaatttgct cgactctttt gtattgtttg      60
atattcttct cctctctttc ttttctagga gcattatcag acagaaattc tacgacttta     120
ccccagacaa caaacagcat ctccgctact cttcgtcgct taatcagaat ggagcctatg     180
aggggcgtct ctggtggtat gggcaagcag ccagctcaac aagaaagccc tgaacagctt     240
ctcgacgtct tcaaggcagc tgctctctcg gtgaccaagc tctacaagat ctctgctgcc     300
ggacagtcaa aggcacgagc cgatggatat caggattgtc tcgatgatct tttgcagttc     360
ttggacaagg agggattggg cctcggcgat ggagaaggat ggaagattcg taaatgggcg     420
accgaaaggc tcgacggccg tgagagcagc tctctgaaca cggagagtga ggatgaagcg     480
gagaagacgg agacggcttc atcgcctgaa ctgagcccgt caaagtgttc cttcttcagc     540
aagccaagcc aaatgcgaac cgactctgca cccccgagca ttcctnctgt ccacgaagag     600
ccaacgccg                                                            609
```

<210> 1989
<211> 490
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 1989

```
ggtcaatggt atcgaagact ggcgttcttc tttgaacaac atctccaacc taattacaag      60
gcccgcagac gaaagattaa ccaaggctta tgagcatgaa ctaaaagtgc tcacggactg     120
tttcgaaggg atatttggcc agggacaaaa tgcttctttg aatgttgttg gcaaactcga     180
gattataata agctggatct accagctcaa agatgattac atggaagggt tgcatcaagg     240
agatacggtc gccatagtta tcctgggaca cttttgcgta ttacttcgga catcggagga     300
aaagtattgg ttcatgcagg aatgggcagt tcatatcatg aaaggtatcc ttgctatgtc     360
cgaagatttt cgtatatggc tttcctggcc tctcgcatat ctgaatttan attgccagag     420
atagagataa tgggttcttg gcaatactgt ntttaagtaa tcatgctatt ttaattcaag     480
tctgnttgac                                                           490
```

<210> 1990
<211> 612
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

<400> 1990

```
gacaaaacct tccacaggcg caagttattt tgtgctatag aaaagatcag cgaagatggc      60
gtccaacggc acaaaacgga gaaaggttgc tcacaactct tctgatcacg agtctcgagg     120
tcaagccgag tcaaagagcg cccagaaatc tttcttcaag aacgcttcga attgggatct     180
cgaacaagac tacgaatcgc gcccgcgcaa gggcaagaag canaaggaga gcaaccgact     240
acctatcaag acagcanatg gtcgaattga gcaaggcaaa aggtcaagag gatgatgaag     300
catcgattga aagcgacacc gaatggctag aangccgcga ggatgaagag gaggtagagt     360
ttgaggaaga ngangtccan gaagaacctg agattcctga gcctcaacaa gattccaaga     420
tgcacaagan ggattgggca agatttggta cgcaaatgaa cgagaatccc ggaggaacac     480
gtccggngca ttcaaggnac cttgcaagat ncggcaatc caagaatggt cnccaatcaa     540
natgctcncc ctcaatgaca caaattgact gtctacaaag ntgtaancc tgggttccgg     600
gatancttcc gc                                                        612
```

<210> 1991
<211> 705
<212> DNA
```

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(705)
<223> n = A,T,C or G

<400> 1991
```
ccagcataca cacatcttct tcaacttaca ccacaacttc aacacaaaca ccaaaaccaa   60
ccacatcacc aacatcatca tcaatatgcc cgcctacgag tactgctgcc agtgtggagg   120
catgattgtc atcagcacca cctgcaccgc ctgcggccac aagcagtgca acaactgccc   180
tctctgctaa atgcccagtc ttgacaataa caaccccttc cctactctgg cctttctngg   240
aggctacaat acccacgaga tgagagtcaa aacacaccct cgctctgacg agacatgacg   300
acttttaacg atggcgcatc tccttcttct ctacaataac ccggntgcac attcatcttt   360
cacttctcca acttgatcga tacccttctt cgacattcca gtatcagcaa aactggttcc   420
ttttcaggtc tctgttaagc ttccaatgtg cttttctttc tgcggaggcg cacaaaggaa   480
ggaaatgacg tcgatggtct ttgtttcttt ttttatgcaa gcaggcgtt tatcaattgt   540
actagcttgg ggctaaactt gtctcgaagg aggaatgggt tcaaaacgga ttcattttct   600
aagtgtacaa catatcgata cccgtgggct nttttatggc cgacttcttc tcttcagaat   660
cgcagacaag aatacctaat acaaggcttt tnttttctg ccccn   705
```

<210> 1992
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1992
```
gccatgacca tccgctccat gcacgctgtg ggctctggtg ccaacgatgc tatccgcaag   60
atcaagtctc ttggtattgc tttcatcatt gccctgctca tcatctgtgt tggtcagtac   120
gccgatggta tcctccacaa ctggcatatc tttacctggt tctacgcctg gtctggattc   180
aaggccactg gtctcctcga gcctgaaaaa ctggggttng tacatccagc tcactcccgc   240
cttcttcggt tccggtatcc tcgtcggtct caacgctgcc atctcttggt ggggtggtac   300
cgtcgtcgcc tggggtctca ttggtcctct tctggttcac tacggcgagt gcatcngtat   360
tgaagtcggt gaaggcaagt gggaangtct cactcgattc aacgtcatga acggcgtcaa   420
cacctgacta cttcctctcc gcanactgat gcctggccgg ggtctggtcc catggtctat   480
cctcatccaa ttctcctcca cggaaaggtg tctcnanggt tcaatttgct tgcgcnaatc   540
gccnctccat caaaacgctc tcccgtgggc tca   573
```

<210> 1993
<211> 659
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 1993
```
naaaatggtg gtcttcattc naaggccatc gcccngttt acanccactt cgcccnaagc   60
acagtggtcc cgacgntttg gccnttgcca aggtnaccgt gancattgtc aagacccga   120
cgccaatatn gnattactgc ctgccacctt atgttcttna aggaaggaaa gcaggtcggt   180
gtaatnggca agccctnctt naaggtgctg acccanaacc ttgganncgc tgttgaaaat   240
tnggaaggtt acccaaaacc aattctggcg cttaagggac acgaaatntn aaaaaggacc   300
ccgggnattg aaaaaaccgn aaaaaaaagg gtttgaagaa tttactccag ggtttccgac   360
```

```
gaaatttgtc atgggacgtn aaattaaagg accttttgtg gtncctgcat tcgggaagtt    420
aaggttaagc gttttcgaca ggaatgaggg gtcacacgtg gaggaaaagg gggatcaacg    480
gtactggctt ggatcgcctg gatcgagaac gagctacagg atataagaca tgactgtttg    540
cggatatatt tataccccgt atgacgtctg ccgaatgagt ttgccatcat cgcgatnaaa    600
actatantcc catggtatgt tgttgcttaa caatgggtta tgaaggaatg tntgttacg     659


<210> 1994
<211> 452
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G


<400> 1994
gccagtttcc ctgccgagcc gcaagggatg cccattcaat catccatgga gcctccggcg     60
cctctttcca tggtaaccaa cgattcagaa cacccaccgg ttcggtccca gtacacctat    120
atgcagacga cgactgcccc tccgcaatta tctatacaga caactccgct tggaggccat    180
gagcaggcga tgaatatccc tcgttatgtc gataacccga gaccttgaaa agccccggca    240
tatgaatcac cttcgataan gagtcgggct ctgtagcgaa caacgaacca tccccggaat    300
accgatacac ccttatgctc ccgtgcacgc gagtccagtg aanttgctca accaactacc    360
accagagact ctggaccacc ttcggtgcct tccagaaant actatgcact ccgcacacct    420
ggactcngca gtgganacat aatacaaatt tg                                  452


<210> 1995
<211> 898
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(898)
<223> n = A,T,C or G


<400> 1995
cacaaacaca aaccaatcgg caacaaagaa tgcaacatcc aaatncngta cccctnctta     60
ccgctatata cccttttnca ctggcagctg ctggcggctt gcctaaaggt gtcggccctg    120
aaattcgttc tcactacaaa ggcaaggaag aatttttcctt gcatcaccaa cgctgctatt    180
aagctcagtc tcgatcgaaa tcaacgataa cacgtgcgat tgccccgacg gctccgacna    240
accaagttac cgctgcctgt gccaacatcg atcctctttc ccccgaacaa cctctcgccg    300
gatcctcctc tggcactacc aacacgacca atgctcttcc tggattctgg tgtgccaaca    360
agggccatat tggcatgtat gtgccttttc tctacgtcaa cgacggtgtg tgcgactaca    420
aactctgctg cgatggttca naagaatacg gtggtgtcgg cggcataaaa gtgcgagaac    480
aagtgtgcag agatcggcaa ggagtacaga agattagaag acgagaagaa gaaggctatg    540
caaaatgcgg ctaaaaaacg aactgctatg gtcactgaag caaaagatct tcgacaaaag    600
gtcgagaaca aggttgccga cctcaacaag gagattgcca ccctcgaggc aaagaangag    660
gatcttacgc agaaacacca cgaagcagac aacaagataa gggcaaagtt gttcgcggag    720
gtgacnaac ngcggnggaa agcttgtgtt ctccggatt ggccaanaca ccctnaatga     780
gcttcgcgat ctctcgacaa tgtcgcacca acgtgatgtc ttaaggagca atcggggagc    840
tcgaggactt nttacaaagt caagaccgat tttaccccca ctttaccnat gagggggt     898


<210> 1996
<211> 589
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
```

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<222> (1)...(589)
<223> n = A,T,C or G

<400> 1996
```
taaggagtca tgttaaactg tacagccttg ctgcccaacg ttgagataaa cacaaattat      60
cacaaattat cacaatagcc tataatcaac ttggacggat ctgttagtta accaactcaa     120
ttgtcgactc tagggtcaaa ttctatacaa tccagggtat caatcttcct ttccatcctc     180
caagacaaag aaacaagcaa acaacgggaa gacccatctc ccatctcaga atcctcccca     240
atctcttcat cctcctcgct gataaccccg agctcaggac cacaatctac acccacagcc     300
ggtcttgcct tgccttcttc ttgctctttc tttttctccc cttccatctt tctcttcctc     360
gtttcttctc caatcctctt cagcgcctgt ttgacatcct caatgctctt cttagcttgg     420
ccgaatttgt cttccatcac gatacagctg ctgcactttc tctgcaactt tcgcgatnta     480
ngcacgtgan ggctttttac caancagtct tggtcgaact tgttcgcctg gaantctcgg     540
cggtctggca cgtctttaca cataaacccc agcgctcgtg ggcgcagaa               589
```

<210> 1997
<211> 1000
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1000)
<223> n = A,T,C or G

<400> 1997
```
gacagggtag ccttactgct ccacagttaa ttgatgcctt cttcactctn tttgccgaca      60
cctcctnaaa cgctcttggt accatggtac gagaggttgc ggatntttac aaaaacaagg     120
gcaaggccga cgctcttctn aaagcctggc aagattggcg agctatcaac gaggattacc     180
ccacgcttgc ctggcctgag tggtatgcat ggcccaacct cgagttcaag tggttgggct     240
ggcgcagcat cggccaaccc agctgttccc aatgccaagg tcacccaaaa gtactcgaac     300
cgtgttctca agctcaagaa cagcacaaga cttggcggnc caactactgt atcctcaaag     360
nggngcatca tcatggactg gtcgccctgc cgtaagcgct ccacccccat cctccaacgg     420
cgttcccatc tctcccttct tacaacaact cctcctctgc atctcgctcc aactggacaa     480
ctcccactcc ctcatcatcg caatccacga ctctcaatcg ccctcgaact gctcccaaaa     540
ccacaggtga agacgctttc ccggctcttc cagcggcacc aaagcctacc accacaattt     600
ttggttacgg caacggccgc gctgtacgac gtgactacgg aaaccgcgag acaaatttcc     660
aatgggtag tggaccgagc acaccagctg acgaggagcc cgctgatgac naagcgggtg     720
gtaagaagaa gggtaacaag aagggcaaga aagttcttgt tcagtggggt taaatgtctc     780
gtatataaat cggatggcta aatagtgtcg gatcagtatg tatgctcctc aatgggcana     840
atagccgtcg ggttttggaa ctggataaat aaagtgacna agcgaggcga tttggcgttg     900
aaacattccn gnggaagggt gagtgacnat atgtagggcg gttataacaa gaatggaact     960
nttggaccnc ctttgttcag gttaatnaac gatgtttttng                        1000
```

<210> 1998
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1998
```
ctggcactgg tcaccttcgt tcttggaccc gccgcagcaa ccgcgagcat ggctctcttg      60
gccctgagag ttggtatttc aacatttcc ccagccttgt caacttcttt cgagatcact     120
cagttggccc tcgctttgct ctgtcacccg accttccagc ccactcagc gtaaccatca      180
aggatggtct gcgaggtggc cacaagcctg tccttcacct gcccccagca tccctgacc       240
ttaaccccat cactgaaatc tttggcacta tcaccgctaa cttgaaggcc gacaaagcca      300
```

```
actccctctt tggggggtgtt accgagtaca ggatcgacaa cattgtacga nacacttggg      360
aaggcatctc caaggantac tcngtgagct gatcggaaca tccaacggtg ccangccgtc      420
attgacctga cggatggtac actccttttt aacttctaat gacgggacaa taacanccng      480
gatttacgan cagataaatg acaataaccg gacaaacttt tattttattt ttgaaaatta      540
caagctgaaa aaaaaaagaa cccgggacaa aat                                   573


<210> 1999
<211> 518
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G


<400> 1999
ctcactgctt caacaatgca ctgccttctt ctcctgaccg ctgcgtctct cgctgtggct       60
cacgttcctt cagtcagcgt gcccgcgtgt cccaaatacg gcaccgtcaa gttttccaaa      120
tctgtccccg acggtgatcc ttttccgcgt accgaagtcg atctctgtta cacagacacc      180
gctttgtccc tacaattcac ggccctagac gaaaaatact tttacttcaa cgaatcccaa      240
ggaacgaacg acgatatctg ggcttacgaa gttgttgagg cgttcatcta caagggaacc      300
gacgatccgc agacctatct cgagtacgaa atcaatccca acaacgtaac ctaccaagcc      360
tttgctacaa cccttccaag ttcgtgctga aggcgcttcg tcgacatttc ttatctcgga      420
cctgaaggtg atggattgcg nagagaacaa tggacaggcg gcaaagaatg gtaanaagga      480
cagatccgtg gggttgtaac gnanccggat tgacccgg                             518


<210> 2000
<211> 617
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G


<400> 2000
ntccanttca nttcgntttn gcctgtcact ccaaccctga cgatgcatca accttgcttg       60
atttggctgg tggctaccct gctttgacct tgacctacca tctcatcact caccaccatg      120
gaccacatcc attcaattac attacatcag ccaccaatgt ggaaacgaga tgagatgagt      180
ctctctctat catttcnaaa aaagcaatgg ccgaagtgtt ttaccttgtt ccactcgtgc      240
gtggccttcc gttggcgtca tgcgaccccc tcgaactcaa catccattgg ccctcttgcc      300
ctcttggccc tctgtgcagt cgcaacaaca gaggcggcag cagcagttac cgcgcaacta      360
accttatctt cgacgccgag atgaatttac tctaaatgaa acaagcgttt ntttctnatt      420
acactagcca cacactctac atgtacgcag gacaccttna taacaaanaa gctcagccgc      480
aaatgttgac cctncgcatg catggcagat gcactgatcc cctttggggn agtatcgggg      540
atcttnaata ttcggtcccc ggcacaacac ttgggtcaat cccatggaca cgttcttctt      600
gcattatgct aagtgga                                                    617


<210> 2001
<211> 936
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(936)
<223> n = A,T,C or G
```

<400> 2001

```
acacctttcc cctccgtaca gtatttctca tttccacaca attctctctc ctacttccta    60
gatctgactc aacgtactct tcttttccct tcgtatgaat gcgataggaa gtaatttcaa   120
ctactttttat cgtcgtcaaa cccactagca acacgtatca aacaaatctc tactataaac   180
aatggagagc cttcagctat cccaggtctt ggccgacctc agcaacctgg gcgccgccga   240
ccctggagct gccgaggcca ttgtcagcgc caacaacgct gctcattcca gttacccccg   300
aaccgacgca actgtgaatg cccttacctc gagtccctct accaacaacc agaaacgtcc   360
taccggcctg cagcgccact ggtcatccga aaagttcgac aagtttggcc gacgtattct   420
ctctcctagc tcccacacag ggtcagccgg aaactcagtt cctggcactc ctcgccgcgg   480
cgaatccgat ttcgaagaag acctggaaag ggcaagcacg ctcatgcaac tatatgatat   540
tcgttccaag atcaagcagc aggataacag cagtttgctc aaggcccgtg agaaggttaa   600
cgcgatagcg gcgcgacagc aagctcagca agcagcggaa cgcaacatga aggcggncga   660
cgagctccga cgtcaacgat actcttttcc tcgggctggc ctntaagccg aacgaccctt   720
catgaattca ctgtacatac ttacganaat atgtggctca tgcgaaggga aatgcgcatg   780
atgtacgatt ttgacgtttg ccggaanggt tatttgacng cgttgggaca caaaagcaat   840
atgccntcng taatggatct gccctcttgc naagtttaan gcaacaagcg tttgactttt   900
aatattatat gaagtgatcc ctgttttgtt gccatc                             936
```

<210> 2002
<211> 533
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 2002

```
gtaacgacta ccaaacatca aaacaaataa gacaaaatgg ccaaacgcaa gnagacaagc    60
cgtcgcacag agcgagcccg cttctgagcc ttccgtcatc acgaagaaag tcaagggctc   120
caaggttctc aaggaaaagc ccgtcaagga aaangcttcc gcgcctgcga agaagactac   180
naccaccaag accgcctcga atgcgcccga gacaattcaa atcgttgtcg gctcctacga   240
tcgaatcctt cacgggattg gtagtgacag ttggaggcaa ggagaaggcc gagttcgcgg   300
actcgttttt gtttaacgcc catacttcag ctatccgttg cgttgctgta tcgcccattt   360
cancgcccgt ccctggacag acacaaaagg tcatgcttgc ttctggtgcc actgatganc   420
gcgttgaatg ttttcaacct atctgcgcat cccccaagcc naaaagaacc aggaacttnt   480
ggcccnangt ggctcccnaa ccgattctcg anaacnccaa aaatccaaaa gtt           533
```

<210> 2003
<211> 511
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(511)
<223> n = A,T,C or G

<400> 2003

```
caacgtcggc gtcgccatga tgacctacaa cggcgacgaa tccttgcccc tcaacgttcc    60
tctcggtacc ctcaccaccg gcaagggcta taagatcacc gagctggagg tcgcacgtat   120
ctactccagc gttgagggtg tcaacgctcc caaggccgat caggtcactt gccagatgta   180
caaaggacca agtgggggca ctgtcccttg ctagcaaaag agttcaccgc ccaagaaang   240
gtgrtrtual taagtaccaa gcctgttcct ctggctgga ttatctgccg tgtcaatgct   300
tccaaagtag tgttatactt tggttttttga cagacaacca cgagatcatc ggaagaatat   360
gtctatttta tggaaatgct tttcttgagt ttgtcccgag cttgacttta aggaaagttg   420
gaaatggngg gatatgggtt ttgatgtggt catatatggc caaaccgaca tgtncattat   480
atnaaagaca caataaaaac acaccntact t                                  511
```

<210> 2004
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2004
cttcattctt atccttccaa attaacagta ttcgagctaa accctcggac catatcactt   60
acaccaagtc gatactcgga acaaacctcc atcatgagaa tcccctacgt atctaaccct   120
cctgagacta agactgagga gcatgctgct attgtgaaac gcatagagga gcgccgtgct   180
ccccgacctc tccaatcttt ggatttggct ctccttcact cccctcatgt tgctgatggt   240
tggaactcgt tcctcggcgc agtccgcacc aaaacgtcgc taagtgatga cttgcgggag   300
cttgccattt cccgagttgc tgtgtgcaac aaggcatggt acgaatggaa gcaccatgca   360
ccactggcag tcaagggtgg tgtttctgaa gctggtcttg aagctattaa gcaagacacc   420
cttggcgagc gacctgctga gttgtcagan aancagtggg ttgtaattct cttcacggat   480
gagatgacna agaatgttca agtcaaggat ganactttaa ccgtctacaa aattcttcaa   540
cgancaggaa attgtcgana tccagcgaca gtggcatgtt acactgtt   588

<210> 2005
<211> 102
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 2005
nttacagcgt cggngacttg gcanaaccct tgccgttact cacnttcatn gcttncacac   60
atcccccttt ttgctagctg gncgtnataa gcgaattaag cc   102

<210> 2006
<211> 567
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 2006
ctcttgggc ttttcttttc ccgtgtgacg ctcgacaagg acgacagcat taccaactcg   60
cctactatca tcaaacctcc atcatagcag taagcatcaa cccaaacttt gtcgcccgcg   120
cggctcgttc cagcctcatt ctccgaattt aagtcatgtc gctagtcatt gtcgcctcca   180
ctagactacg atagtgctgt tgttgttttt gttgctttta ccgccatctt cctacatttt   240
atctattctc tagancccca tggccaaaaa ncgacngtgc aaaccacgca agggaacacc   300
agcacgtcnc aactaatctc agacgaacac catgtcctcg caagantcgt acgctgtaca   360
gagcgggcga caatccagcg acgggacacc aagtgagcat gccaacagtg acggaaataa   420
tacagccatg aacagtatcg tnggaacag acgaaganec tcatcatcac aatgactccg   480
aactcgatga aagatgttga cgaagaanan atgatatcca tntncctgcc tcacnatacc   540
tggaatttct gcagcccatc aagttga   567

<210> 2007
<211> 398

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 2007
```
tttttttttt tttagcgtca tgaaaatttg tgtctaaacc aatgccagtc gtcctactnt        60
atataatccg tccatacagg tatcctgtnc ccctactctg tctgatcctc actcatagat       120
cgaatcttnt tttttcttcc tcgcgtgctg naaatcaagg cgtcgaggcg gnggcaggct       180
ccttgtcctt gnccctgngg aggnggaagg acttgcggnc cttcttcttg agatcctctt       240
ctttgtcctt cttganggcg gcctcggcga caagttgctc aaagacnana tagtctccct       300
cttcctcagg agatcgctca gccctgatna aaacgtcacc gataagaacc agagcttgng       360
cgcgctctaa tcgcttgnng agatggacct tcttgtcg                               398
```

<210> 2008
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 2008
```
gtcattcatg ccactgccca ctcaaggcca cccaggtcac cagtctttga tgccttcacc        60
cgatcctcaa cagaacgcaa ttcaccacac ctttccaaaa cacaaaaatg gtgccttccc       120
aacaattcac ctcnccttca aggccttcgc ctgcatcgtc ggctcactca cngtnggggc       180
catcaaaatc ncaccngatg ctccnccagc acngtcgccc ttggaaaaac cgtgagcttc       240
cgctaccacc tccnctcaat cttcaaggaa cacgaaaaac ggngaaatca atgaagggaa       300
tttcgaatat tcccengccc ccncgtattt tttgaatgaa ttgggaanaa ttctcncaag       360
gcgctgttnt ttgaaacaag cctggcccaa caagcatanc ggaaccaccc cccnaatggg       420
ggnagtgggt gcagtatttt taatgaaccc ccgggtcgcc tccttgagct cnccccccaa       480
gcccctcttt tgaaactttg ggaattttac cgaanccaat tggctttttt tgtttacccc       540
aaatttgggt ttggncncgt tttttccttt gaatcnaaca tttatcgaaa tgctg           595
```

<210> 2009
<211> 197
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(197)
<223> n = A,T,C or G

<400> 2009
```
nttggncaa atgccnagag ggggggggnt ccatnaaanc caggtnaata anaagccgga         60
gaagggaggg gggggggcaa ataagcanna ttgqttggaa agggggggc caggngggcc       120
cgggggaat ggggccgnct gggaaggcca atngccatta aaacggana atgggtcccc        180
cggcccccgg ngggggg                                                      197
```

<210> 2010
<211> 376
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 2010
cggggagttt cccgtanaca caactgaagc ggctaccacc actgcagatg ctgcccccac   60
cattatccca agaaactttg ttcgaagagg tcatccagag atagttgtca gggatgtcac   120
cagcggagag cccgctatga ctaccgaaga ggctgccacc actaccgaaa ctaccgctac   180
cacttctgaa gatgccacca cttntggaga tgccaccact caggcgatac aacctcnact   240
tntgaagaca ccactgntac tacaagaagg gccccaccac cacagaagaa gctaccacca   300
cagcttntga aaccgncccg gttgcntaat acatggnaaa gcctcacctt aangcgctan   360
tggggtgcaa gagggt   376

<210> 2011
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2011
ctctcatcgt acatacttga tcatacttca cttgaagagt cgcttccccg tgcgtgtcga   60
gaaacgatcc acgccatcgt tttgctgcgc atgccaaagc tgctgcacac ccacacctcg   120
actctctccc gaaactcgat agcgtcgcca ggcctcgcgt agatgatcag gtcgtaacgg   180
accgcgcttg agatcgactt cctcctcagc tgcatccggg tcgtcattcg tagactgtgg   240
cggcgtaggc agttcgcttt gtttctctcc cgcgtgaatc cactcgcctt gaacgttcct   300
cgcagcttcg atgatttctc ccgcaaatag cttggctacc gctttgacgg ctgtgctgac   360
attttgaggc acggattggg agactgtggc gttgacgacc tatgactggt agcaacttgg   420
tttatgatgt aaacgcagat gtcgcttact cgtttaacga cactatcggc tnatttggcc   480
gcgcgccaga actcatatcg ggtgnactgn tgagagtcga atgccttgac agcatagctc   540
gtaacgaatc tcctcttgct tntgctctga gttcgngcaa caacatcttc aacgncattt   600
aagctttcat aactttaatg gcattttcnt aaca   634

<210> 2012
<211> 558
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 2012
attccaact cttttaacaa tgtttccttc attaatgatg tcgtaggtca tgtcgcgata   60
gtctatgctc ctttttgcc tctctcaata gntgccacac atactaccac ccgatatact   120
ccatcatcac cgatcgaccg ttcaattcgc ctggtggaat ccatcatgac ctaccattaa   180
acgaccaact ctcccaatct acatacataa tccaaccgca acgatgctct cgatatcgcc   240
ccgtntttac atccgacatc cctctccaac aaccgncgaa ttcactgnaa cgacccttcg   300
gccactcccg ccagcattac ataccctngg tctactttct cgngggcct ctccatcttc   360
agccttnttn ttctaacgna cgcctaaccc tccatccact actcgcctat gctgcaccgt   420
ctnttntgaa gancataccg cctnttacc tccgngcgcc aacatnaatt ggttcrgcgc   480
gcangatata ccactttcat acttgttcca gccagtataa gctgngctat ggntgccaan   540
aaaaagggct ntgtgagc   558

<210> 2013

```
<211> 519
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 2013
cttgctcgag gagattgccc gtcggcttat gtccatcaat gtctctggtg ctggaactga      60
tatgcaaact cccctgactc tcatggagtt tcccattgat acagttggtc agttccgctc     120
tcgtatggga tggttgcacc ccgaaagaat ccatcattcc ctcagttcaa ccctcgcaac     180
ttcactgtcc agganagcat gccttctact gaacactatc tgtatgggaa ccctgctttc     240
agctacagca ccgaggaaat gcccatgctc aacgcctcag gacgccacct tctgcagtga     300
agccgctgg tttatcacc ttacccaagc cagcaatacc tcaatgttcc ctccccagct     360
tacacgggga ncttacagcc ggcatcctcg aactttgag gctcagttgc gttcagcgat     420
accgangaat acggatcatg gganatganc acctccaggg gggggccttc ttccnccatt     480
catgantctc ctcaaaacta tggggtcggg atgaaaaca                            519


<210> 2014
<211> 554
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

<400> 2014
gtttgggtcc naaaacttgg gcctggttga ttttctaana cactgggcat atcaggcccg      60
atttgcttca tcgtcccttg cgccacggtt gaacgcaccc tgcccggaag atatccgccg     120
tcaagcacag gaaacccctc gtgagatccg gtacgatgac cttcttggtg atcgatatga     180
tatgcagggc ttggactgga attccatgaa taccactcgg aggtatgcgc gtcagagacg     240
caatgacact ttcaagaatt acgtcaacaa ggacggctcg gatagatgga gtcctcacat     300
ggttgacgtt gacatcccat cttcggagag ttttatgaga ttaaaganat acatcgttcg     360
ccgagatgtc taccttgctc attttcagct tcncagggnc ttaacttgtc catcgacctc     420
acaaagtnta ctaccccgt aacgaangag tcacccgtat taacctcnct ttagggnaaa     480
ctgnggntgc cttcacaaca aatatatgac tggngttggg actcttattt ttcccttgcn     540
caaaccacgg ggcc                                                      554


<210> 2015
<211> 495
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 2015
ncagctgggt tctgtaactt caagcgtctt tctctctttt ccccacatat tcaccagnct      60
atctatctct ctctctatct cttgngtgcc gcttcgaata tcacgccatt gcgtattaaa     120
catcgtcaca atgaagacta caatctttgt cacgcttctt tctgctgctg cgtctctgt     180
cagcgctggc atcgtggtta cacctgtttt ctttgaccag atcgttgaga agatctctgg     240
tgattgccct ttggtgttgt tacgcctcag ggctgcggtc gtcagcgtgg ttagagggtc     300
gtggttacag atggaaagaa agtattggat tttggttatg ggatagaccc aagtctaggg     360
aactgttcaa cttggtcgta ccgttctttg atgaacggag aaataatacc attcangcgt     420
```

- 775 -

gtcttttgat ttacacgcca cacaaagaac ttntggggac gttctggcna tactataggg   480
gaatatattc cacat   495

<210> 2016
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 2016
ggtcgacctc actgccttgc ttgtataaaa cgacagactg aatgcagata tgcgcatgtt   60
gctaatctac tcgaggagac cacacggtcc gcagccaatg gcaggcgaat gacgaaagcc   120
acccaagaag aatcgggatc aagcggaaag tctcctatcc caaatattgc ggatagaggc   180
atgtccaacg atcccagagc aacctcccgg ggtgccgttg cactctcgat tggcctccta   240
tctaatgttc catactctct accctctgcg agtaacatct ttggcattgg ctctgaacac   300
cccttcgcca actactggac ctgtgaagcg gcctgtcgga agtaatttca gttcttcccg   360
acaagataca ngccgacatt ctgctcagtc gctactttga gtgtgttgac ccagtgtttc   420
ccatgataca tcgccaaaca ttctacgcag attacaacac ttctggcnga tgagtcncca   480
gacagagnac cngatctctt tttagcatga tatctcatgc tncactggcc caattgtga   539

<210> 2017
<211> 658
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 2017
attgagccat ccatttccac ttgcgtccgt ctacactcca taacgtctcg tcggcccctc   60
tcacctacat cgcctgatct tgtaaactcg tcaccgctac ccccaacttc tctgctcctt   120
actacacaaa gtgtataagt agctagacac cgccgactct ttaccacatt caacaattac   180
caaccacaat ctccatcaca atgcctagaa tcaccgcttc cgtttccaag gtcactcgca   240
ctcttgccga gtcgcatcgc catgccggtg tcgctctcat gcccaaatat gccgagctcc   300
ttggatcttc gtctgagcag tcccagcact ctgaggctcg tggctcaaga ctacccaccg   360
tccactcctn agcatncatc gctggtcgna cacggcctnt gatgcaagtc cttnagctct   420
tntgcatctt ctcgtgcgcc tggtcaacca acgttgacac catggtgttg cccaagatta   480
caggaattcc aagnttaaac gagccttttc cttcgaatgc cacttttttc cggataacta   540
cgggttttac caaaaatttt atggctggat gccaccgaan ttgacaagta accgacctgg   600
nattttnggt tttaacctgg anattggcng ttccnggggt tccaanggcn aaaatggn   658

<210> 2018
<211> 149
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 2018
naaacggtga tgttgacaag gttccaggtc caggtggnga agatggagtt gctgtcggna   60
gaaatgacct tgatgaactg gccttggaag agcttattgc cgtaaaaaaa gacatcgtta   120

cagaaccaag taccagaagt agccaaaag

<210> 2019
<211> 602
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 2019
cgatgaccag tctcctgcca ccacccctga tgtaacaccc gctgtcgctg tcgctggcga   60
tgtctccgat atgctcgagg ccgcccccgc tcgccaaacc gtccttcgtg tgaccgatac   120
cgaacccaag aagcagaaca agaaggcacc caaggccgag gctcctgttg agaccaanaa   180
gcagcgccag aaccgcaaga aggctgaggc tgccaaggct gcccgtgaag agaacgagaa   240
ggaacgcaag gctctcgagg agcagcaacg ccgtgccgct cgtattgctg agggacgtgc   300
tgccaaggat ggttcgcagt tcactgctgc ccaggccaag tcgtctgcct ggaaggaggg   360
agctcccaag gctgcaacga tgcccccgcc gccanaccaa tggctttcac cagcctctcg   420
atactttcga gaaggctcct ccacctncgg tggtgcccca agggcgacaa caaatggatt   480
gagtctcttt cttttgaaga ggaacanctt cacacttcaa aatgatgacn aatggacact   540
gttnaaaaca antntaaaaa ngntgttaaa acgcccttna antggttttg gcaaaaggt   600
tg   602

<210> 2020
<211> 544
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 2020
cggagctgta cctccaatga tgagtttcgg taaccctaaa tctaatgtcc ttgcaccacc   60
aaatacatct caaagtatta tgccgcccac tttgtctact gccaccccta ccaacaatgc   120
ctcatctatc atccctgact ctcgagcaac cccttcgaca gcagctgctc cagcatcttc   180
tacgacaaaa tcttcaacca gttcctaact cgtccactct tccggccaaa tcctctactc   240
tcgacaactc cgcagtagct caaacctacg aatcccagcc tcaaccatca accggagccc   300
gaaatgctat agtatttcaa agctttgacg aaaatgccct caaggacccg tagcatccaa   360
accagatcat cttcgggcgc aagangaata gctctcaaaa ctcccctgca ccgctttgcg   420
tcttcacaaa catcccgctc nggtatcgtg atcacgcact ggtctcacta ctataacact   480
acctttcgcg anatcaacgc ctcacccgcg gaaantacga tggagcatat cctgggtgct   540
gggt   544

<210> 2021
<211> 547
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 2021
gtttatttgt taacactttg tcttttttcg tattttgtag gataacgtcg atcatgataa   60
ctttgacatt gactcggccc ttgggtcaga cgctgccagt tttctatatc ccgaatcaat   120

```
agcagcaagt atcctcgaat atagaaccat ccaaggccgt acctatcaca gtgaccggca        180
tgatgccgat tactatgctc ccaatgacga gcagcagctc caatctgtcg atatcaccca        240
tcactacctc accatcctac tcgacaacaa gctcttttta gctcccatat cacctcacgt        300
ccagacagtt ctagacgtcg gtacaggatc cggcatatgg gcaatagatt tcgcagacgc        360
acatcccagt gcccaagtcg tcggctcgga actctcgccc tgccagccag aatgggtccc        420
tccaaacgta cgcttcgaga tcgcagatgc ctctctcgan tggcctggaa agatgactac        480
ttcgattttg tcccgttcgc tactgtttgg ntccattcna naaagggcac actcttccgc        540
gaaacat                                                                  547


<210> 2022
<211> 572
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G


<400> 2022
gaaaatattc aattcgttca acatgtcctc tgaaacagct tgtcctcttt gatctcccaa         60
gccagaaatg gtgcctggtc tctcaaccca tgggaagacc gatttctcct gaacttcaag        120
gggcatcgac tacaagactg aatggctcga atatcctgac atcaagccga ctcttgagcc        180
tcacatttcc gccaacccag ccaccggaac atggacgatc cctactgtca gttccccga        240
tggaacttac attatggact cggccaagat ccttgagcga attgaaaagg actgtcctga        300
accctccgtc cacaaggact cgcctgtcct taccaagctc ttcgaaatca tgccgaacat        360
tatggccgcc ctccgaccca tctacttcac ccacgtccca aacacattct caacganaan        420
atgttcctta ctggcaggag accgaaccga aggggntgga gacctctcga caancttaca        480
aaaaaaaggc ggcaacaggc tgggataaac taaccacttt ncaagaagtc aagctctctc        540
caggaaaatc naaaggccat ctcctaggaa aa                                      572


<210> 2023
<211> 575
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G


<400> 2023
aggaccagc ctactggaca acatcccaa ctggtcctcc tcgacctcc aaggagccca          60
ttgagcctac cggcagccct tcagctatgt ctcctcaaca aagaggcagc cgtatctcga        120
agctggcaaa gggcagccct gcaccacacc caagcgatga gagtggttat gccacaatga        180
gcggtaccca tttcagcaac tacacaagca gtcccaagcc tgagaaccgc aacttgaacg        240
ctgctttggg tgttcctacc cgccgaccca gtggtcctcg agccatgact cccaagagcc        300
ccgaggatga atctcgccga cgcaagcgag aagacacgtt cggtagtgtt acctcccaca        360
acacggatga tacggagacc ttttagaaag gggctcaccg tggcatccga ccgttgccgg        420
gatattgatc ttttgtcgaa gaatgacacn gcgcttttgc ttttctggca taatcttgca       480
tcctaccacg cgttaggctt tcaatatgtg tcaactgtnt gaagaatata tggatatgaa        540
acgggcttca actgaatnac ttttcatcng aagaa                                   575


<210> 2024
<211> 615
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
```

<222> (1)...(615)
<223> n = A,T,C or G

<400> 2024
tgttactgca gccttcacct cggtctacct aaaattactg attcactctt gagccagtct   60
cagcacctca attaatttgt cagaccctag tggttcggtc gttctttaat actgcaacta   120
cctttagttg caccacctgc tcgctcacag cttacaatac atacatacct actctttttt   180
ttatcgccaa ctcactcaaa atgcgccctc aagctctcgc agccgttctt ctctcggcct   240
gtgccggtca gtctgctgcc caggatgctc ctcgagtcaa cgacaaccct cctggtgttg   300
gatacaaggc cactctcccg aaggagccct tcttcaagga tgccgccatc gatggaaatg   360
tcaagggcta catccacgcc caagctaccg attctggtca gggtgtgaag tttatggtca   420
agttcagcaa cctccctaag gaaggtggac ctttcaccta ccacattcac gttgatcctg   480
ttcctaacaa cggcaactgc actgcgactc ttgctcacct tgaccctttt gcgcgcggcg   540
aagagcctcc ctgtgatgcc gagaagcctg aatcntgcca ngtcngagac aacaacggga   600
aagcatggaa agatt   615

<210> 2025
<211> 312
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 2025
gtaggaatac ccgctgaact taagcatatc aataagcgga ggaaaagaaa ccaacaggga   60
ttgccctagt aacggcgagc agcactaagc aactcatacc acggatcacc ggatagatca   120
ggcaaagcgt gtggggggga ttatcagaat tcagcgagac ctaaaccggc tcgccaagat   180
cgcagtggga tgttacagtc atcaattgac ggaactcaac atgaaatcgc tattcattca   240
gagcttgact tttccatagt ctaaactagt gtacaagaat atctacacat ttgcactctc   300
cananaaaaa aa   312

<210> 2026
<211> 501
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

<400> 2026
aaatgctgct gcttccaaat acccgcaata cgtcactctt ctttcctact ttgctcctac   60
tcaggcgtca actgctaagt ccacagaccc tacgaagatg cagcgcagct tgtccaagtt   120
aggctcgacc atgcccagac ttccatcgcc gccgcctcca gaagttccct gggcggttgc   180
aacgcatgaa ctaagcaaac tccttattcc ctcctcacgc gaaaccggta gctgccaacc   240
tgaggatctg aacgcagaag caagcgggc cagacgtgac cggcaatga tattgatggg   300
agtcgatcct aaccctccac cccctgccac tgcttcacgc ccaacatcgc gtatgtctct   360
gcgtgagaga cngaccaagc tagtaccacc ccctgagcca accattgaca agtcatccaa   420
aggtcgcaga aggacgatgg gcactactac tgtagcttca gaaaagcggg ttgctcgtga   480
tgttccctca cgaaaaaaca g   501

<210> 2027
<211> 346
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 2027
tttttttttt tttttttttt ggnganacat atagagcttt atttcataac tcctactcgc   60
ctcccagtta tctacttaaa atccanacat gctagtgcgc cgtacaaggg cagcaataat   120
tcatnatttc ggcgtatccg tagccgattc catccatatc cataatcaaa caagcaaacg   180
ccggtccgtc aacgtcgatg cataacctaa cccgcccata tttttatagt atttagttgg   240
cgaggatggt tcgcacgagg tcagtgtagt tgacctggcc tgagctggtg tcaacggcct   300
tgaggagctc gtcgacctcc tcgtgggnat tttttcccca ggtttg   346

<210> 2028
<211> 1053
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1053)
<223> n = A,T,C or G

<400> 2028
gacgagctca accanaaagc ccncntcgaa gtacgaggaa agcaagactt tttctgctcg   60
cacttcgtcg ttctgcttgt tnccaacctt tgtccgtgcc ggcntagagc nccgtaaggg   120
cactgccagc tcttgtgcca gcatgagccc agtttctgag actgccgagg agtcatcgac   180
tcctattact tgataacgag tctgactctg gccgcagcgg atctggcagc ctcgccggtg   240
atctggaatg ccctagctca cgcacatctg ctagtggaag ctggggtgct attggctctg   300
accgtcctag ctcgcgcgag ctagagacgg tcaagagcgt cgacagcatc gagagtgtca   360
gctccaacgg cgagagtgag agcaactctt ttgctgatgt gtttaagaac ggcgctctgc   420
gagctgccaa ggcacacgac tcgaccgaca accagcgcaa ggcacacagg cgggttttca   480
ccaagagcac tccttctgct taaaggtggt gcttcggctt gaaacccttc tcactgtcac   540
gatttacgcg ctcggacttt tcatccttgt cccatgactg cgcggactgg actgcatttt   600
tgatggttgt cggtttagtc ttttttttgat cactacggga gtcttgttac catctgcatg   660
ggaggtggat gaaacacgtt tttcttttc ttttgcgaac ttttactatt acagnaagtt   720
tataattcgc tttacagtct ctcctttaga cttttctact tcgtcatgac attaggggga   780
atcgcccggg gataatcttg tctcagccta gatggacnaa tgggttactt ggggggttga   840
tgaaggaatc tttataccaa tgaggatgag aagcatcacc ggggaacaac tctgcctgaa   900
agcntgtgt aggantaaac tagccnctga tgtggttacg gncggcgttc ctgcnggaat   960
nttggttcgg caaattgaca tttgcttccg tgcatccgta tgggatgcta ctggctttng   1020
ctgccgncgc aanttctcga ctgcaaagga taa   1053

<210> 2029
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2029
ctagatccca ttcttctttc ctacttgaat tgccattgtc gttcttgaca ttgacccaaa   60
ggcatagttt tgccctcgtt caacagcatt cttatcattt cccatcatcg acgcttcccc   120
gcggctctta tcaacatggc tatctacagc tccgtcccgc caccagaaca gcaaccgacc   180
acaaccactt caacccctac tgcgacaaat cctcctttgg ctgctatcca ggctcagtcg   240
cctcctacgc cagtcaagaa ctcttctatt gatatcgatg cttggactat ctcggctctg   300
caatccctca gcgctccct gtcgcacgtg gaacttgtat ccctctcgct atcccattgt   360

```
gaagttggcc aaaagctcaa cccaagtctn ctgacgcaan gncgacttcg cgaagcattg    420
gggtatccac tntattccaa agcggccctn tttcaaggag ggacagcagc gaagncgcga    480
actantcaaa agggcaagga gggaatngcc agcgtcgtcg ntggganaag accgttgatg    540
cacgttccaa cttnagctct tgcctcgnat tccaagtcac ccacgatact gncataaggg    600
cctntanctt gtaatttgga ccg                                           623
```

<210> 2030
<211> 634
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2030
```
gcaatcttca tgtcagatag atcacatact cactggagat atgtcgttcg cttgtcaagc     60
ggtcgatttt acaacccctc ctactagccc tgaaagccag ccatacccag ttgcggcaga    120
cgggcaacaa cttcggcccg taccagtcag tggacagggc aatatgatgg tcgatgctgt    180
cttggaccat ggcgattgtc atgacaccca gggtcatccg gatccccct caacttgcac     240
acagtctccg cggactacca gcctcgtnga agtggtccag cgccacctc angaaagcga     300
agtacgcgcc ggcaattcgt gggacgacgc cattcctgaa atccgcaccc catctcccgc    360
aaggccctca ctcgaaccgn atcaaggaca aggcttggat gatgcaagct gcgcnccag     420
cgatgccgag tccgaagtca cggaggctgg atccggatcg ccatctgaaa gccaagtgac    480
ttcccgtcgc cgtcttttgg tcgtttccgt cacaaatcct tacagaaaca taaaacgatg    540
tattcaaagg gcggtgatgc aaacagtgan ganggttcag ggagcganga caacctcacg    600
ggctaaaatc ttcaacttcc gggaananaa cttt                               634
```

<210> 2031
<211> 581
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

<400> 2031
```
gagcactttc gccgagctat gcgctccgat gcttccgcgt caaacatcat cgaagccaac     50
acatctggaa agatcacagc caccatcacc aagtccagcc agaatagcga caagtctgat    120
tcatcatcaa agtcatctct tgtcaacaag ctgtcccgta cttggacgtg ggggtccaag    180
gacaaggacg ctaccaagga gcgcaagacc aagagcaaga agggaaagaa gatcactcac    240
cctagcgaga agcctttgac agcccaaaat ctccaacacc aggagatgct atcacagttc    300
agcttcacct ttggtgcctc ttctcctgag cagattgaag aagataactt cttgggcgtt    360
agcccttgtt gcacacgagc tcccagtgtt gtcaacttct ccctggaagg cgacagcgaa    420
agcgacgatc agacttcatc atcttcatcc tctatcaaat catcctagtc aatttcctga    480
attggcaaag ccgatggtga tggatgggcg ggcatgcggg ccccnatagt ccacaggggc    540
gaaagctgga anattctana acgcccgctt taacgcgccc g                       581
```

<210> 2032
<211> 939
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(939)
<223> n = A,T,C or G

<400> 2032

```
aggatatcca aaagacatgt acacgcaaaa atgatttgaa gagacatatt gaggatttcc      60
acaacaccaa tgctcagtgg ttttgtcggc aaaagggttg cgacatggtt tttgactggc     120
agacggcata caaaactcat ctcaagcaag cccacggtgg ctcccgcatg tctcttgacg     180
aagccaagat taacctttgc ccccaaactg tttttgcttg cgggtttgag aactgctccc     240
aagttttgga ggctcccagc gacgacgaag ccgacaccgt gttcaaagag tttgtggctc     300
atgttgtgaa acactttgac gaaggttcca acagcggaga atggtcctat tcgggacggt     360
tgcgaaactt acttcgacag tcaggccttg ttcgtgcctg gcaaggttcg tcttggggtg     420
cggaagaagc gaagccaact gcagtggcat cctcaatcca gtggcattct tcgaaagcgc     480
ctggaaacaa ggcatttagg tgatttgcaa cttcttgttc aatatgctat tgctcttggt     540
acagagccat catcaatcac aaagtaccgt gacgacttta tcaatcctgt caaggatcaa     600
tgtcgccagg ttatcatggg acacaagtct cgggcacctc ctctgccgcc ttctggcccc     660
tctcccagcg canatcagta tcagttccgc atttcccgag gaaacacaac ccacaacccc     720
aatttggcag catacatggn cacgcancgc cgagcatatc cagccagaac cggtcctgtt     780
cattctggcc gttctgccn gccacgcggg caagctatgc ctgcaacttc gtcggccct      840
ggtccgatgc cacaccattt ccagtatccc acatgaatac catgtttgat ccaaganacc      900
agccccagca gcaacaatcc ctatgatgca caagccaat                            939
```

<210> 2033
<211> 334
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 2033

```
aagcgaggct cgacttccag aacccgccta aaataaatga gcaccagctc agaaccacga      60
ccgacgtgtt caagagtgga gcccaagtaa gggatcccag cttcaccgac tccctggcca     120
cgtccaccaa ccagcagagc agagatggaa aaattaaagg gccccgcgtg ggccgnagcg     180
caaggaggag ccaggccagc ctgacctgac ctgacctggc gctgttcagg gcctgtcaaa     240
ggtagaagaa aaaggggggg cggaaggaag gagaaccgaa atatgactct cagaggtaaa     300
attgtcgata aatttatcgg ttttacaagt cacc                                 334
```

<210> 2034
<211> 450
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 2034

```
ctnnaggaga aatttcgccg ctggncaagg tcaaaggcct cacttgtgac gttttcggca      60
ctaacgtcaa ctgggctca accgtaaccg aggaactcac actgcgagcg ttccgcaaaa     120
cctcttccga tctcgaccaa gatctcaaga ccagaatcca gaacctcact gaagaagact     180
ggggtcgctt cgctcaagag tggagaaaat catatggcaa gtttactcat ggctttgatc     240
ctgagaagca tacatggaag accatcgacc aacaccacca tgacagcctg atcgagctcc     300
tagaagcctg ggatctgccg agctttacag ccctttctga gataaagtcg ctgagtctag     360
tctggcatcg cttggacccg ngggatgac tcctcggatg ggcttgagaa gcttcggaag     420
aacgtcaaga ntagcacggt tntcaacggg                                     450
```

<210> 2035
<211> 631
<212> DNA
```

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<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 2035
cttacctatt ctcactctca ctctcacatc tactcctttc tccttgctgt gcgacgagaa   60
ccactcaact ttaatatcgt aacacgggca cgatacggaa caaccacaag agaaaagata   120
tcatcgcaat caattgctcg aatacaaaaa tcatcgacaa agagaagtga aatttacaca   180
acgaatcaca ttctacaacc ttttagagct ccagctcagt cgctacaatg agttacggat   240
acggtagaca aaatccctac gatgcccctg accagggcta cggcgataac ggttatggca   300
acggtggcgg ttacaacagc ccacaagctc agggctatgg tggtagcgtc gaaatggagc   360
cccttgctca caaccggtag ctcctttgct caaagtgacc ccaatgctat tctcaacgag   420
tgtgcgata tcgaccgcgg aatcgacacc gtcgagcaga acctcgagca gcttcgtatg   480
atccagcagc gaaccctcga cgatgccgac agctangctc tagtgctgnc aaccgcagct   540
cgactccttc tgtgcaccat gtcgtctacc gcgagctacc gacgagtcga ccgtnagtca   600
acccgaggca ctttgcaaga acaaccttac g   631

<210> 2036
<211> 341
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 2036
nttacccgac tccacgttat tctgactgnt tcgctgtgac tctccgactc ctcgaaacgt   60
ccaaganaag tggatctctg anggtctgac ttttggcaag gtctcctata ttcttgncgg   120
ctggaagaag gattgcgata caacagaaaa tcatcgagga ctccnaagac aaccaaagcc   180
gtttccccga ggaggggagg anatcgaaga anattntgct tacaagtacc ttgaggctta   240
nccaaaacaa caaggtgtcc gngaantggt cgacacctat tngcgcttgt ttgtggacna   300
anaaccggac aagtttanaa aagngtttgg tctgtaaagg c   341

<210> 2037
<211> 271
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 2037
ggacctcaga caacggactt ctcactgcca cccagaagct taactgacga aagatcactg   60
agcacttcaa gaaggacatt tctgccacgc tcgagcgctc gtagataacg acagaatcgg   120
atatgcaacg aaattgtgga acatcatgtt ttgaagttga gacgatgaat accaggatcg   180
aaagagagac gagagagtgt atcgactttt agcttgattt tgtttttagt gtctaatgta   240
ttgtcgtggc gttggctccn aanaaaaaaa a   271

<210> 2038
<211> 690
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G

<400> 2038
ggctggtatc ggtgctggtg ttggtgtcgc tggtctgatt gttatcggtg gtctcatcta   60
cttctgcctc cgcaagcgcc gcaacgccaa gaacaaggct gagtacgacg atgtctttgg   120
tgcatctgag gttcctgttg gtggtcgtgg tggtggtggc ggcgccgccg ctgctgtcgg   180
taccagcccc cacatgtccc agacctcccc tgctgccgct tccactctgg cccctagccg   240
caacactact atgtctgagg gttaccgtgg tactgccctt ggcgatggac gtgccggatt   300
cgccaagcct cagcagtatg gacgtaacta cgcggccgtt agccccgaga ccaactactc   360
ccgtactgct ggtagcgacc aagccttctc agccgtcacc cctgagaaca actacgccaa   420
ccttgccgga cactcaccac acaacaacgc tgccgagatg tacagccctg ctaacacagc   480
tganctggca tccgacagcg ctgctaccaa gtggcatcaa aatgatgctg ccganattga   540
cggtaacaag tctcaagtgc tcgcggtaca ncaccgcctg ancacgtata tgaaatcctg   600
cgccaccccta tcngtaaatg aacatngtgc catgtaacta acacanaagt cctggcaaaa   660
atccgatgga aggatgaaat aaaaaaatcc   690

<210> 2039
<211> 493
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 2039
gcttatcccc gagtctttcc gccgtgccaa ggatggtccc gctggagatg ttgtatccat   60
cttcttcctc cagtctctct ctcgcctta tccttccatc aaggtcgagg actacgccac   120
cgacattgtt ctgagccgta ttgctctcgc tgaccaaggc tgcctcgcca ccggaggagc   180
tctctacggc agcctgactg tcaagcaact ctacaagaac accagctggg tcgagcatcc   240
cgattttgtt gactggcaga gcgcttcaa cggtgctggc cctcataagc ttgctgcccc   300
catgctcgtt atccaaggcg aagccgacat ccttacttat cccgagtacg ccgaanaaaa   360
ttcaacgaga cttgcaagga gtccccgagt ctactgccga gtacaaatct tacctgatct   420
tgaccacggt gctgtgctgc acgcttctgt ttctgacttc atgccctgga atgcggatcg   480
tttcaatgga att   493

<210> 2040
<211> 625
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 2040
cgagtatctg caaagacaaa agagcacctc attcagctcc attcgcaaac ctccaagcgt   60
tattgtttac gatcgtcccc atcctcgagt ttccgaagaa ctctcccctc gatcaattca   120
ttacaagcac agtatcgata taccttcgac gccagtcctt gcccgcgccc ccaactcacg   180
cccnggtctt actcatgagg ctgtccaagg cgaagatgct ttcatctnac ccatgaagcg   240
tcaacctcg cgattggcga aactccatcc ttcatctcgc catagtcgaa ctcgcagcag   300
ccgcagcagt actatgagcg cggtttcgcc ccaagatcct tggcatggtc actatcccga   360
tgcgttcaac ggcactcgca gctccagcga atacctgcct cggacacacc aatcactgga   420
tatcagacga cagcagccac gaatgcattt catgtccaac acgagtcgtc tttcatttga   480
cgaagaggtt tacctgggag gcctttcacc acgaccgctt gttcgccaat cagagattgg   540

```
cagagctatc ggntgagttc ggatgttcca tctgnatctg aattatataa ccgacaaccc      600
aaaaagcaaa accagacgtt tctgc                                            625


<210> 2041
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 2041
cttcagcttc gtcgtcatgg cgtatgcgaa gcangtgctg cagaagtaca tgcaactgat       60
gatccttgag ggccccgggng ttgatgacca ggagggtccc ttcgctgagg atctccctga     120
cggtgagggc cgccggggac gccttggcch ghttgatggt ttcttgtggt cgggcttact      180
ggctggacag nccgagaatc tgacgaatgg gcccccagcc tgggaggatc caacaaacca      240
gccggcgcgg gtacgctctc gggcgaggtc tataaagtct gtttgacacg tgggatctgn      300
cgcagactgt tgaacgaact caaaagatat acacggatac ttggaacatg gacactggcg      360
gccangccgg ttgctgcctc tttacatttt tgtgatgcaa gtcaccacca gtggctgatg      420
ctctgcgatt cattttcatg ataaagggac caacatacga tagacggagt tntgataggg      480
ggaaagttca tatacggaaa tcatnatgga aacttgtaca aagtccatgt cngacacaaa      540
accgacgact nnggccgacg cggaggaaat gcngnatttt ctgcgaaaac tccgnattgt      600
tgtggatctt ttgaacggng gntgcggatg gngtgaa                              637


<210> 2042
<211> 624
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 2042
cttgatcgaa caaacgaatt aatagtagcc gattcaatct ttgagacgtg tttcttcgct       60
ttgaaaaatg gcagaatcaa ccatggattt gaccaatcgt ccccgaactc gccagagagc      120
gtataagcag ccaccaactc tcgacgttcc tgacatcgac caagatgctg cggaaagaaa      180
aagggttctg aatgtgttgg ctcagagaag atatcgtgaa aaaaagcgat tgagtcgtct      240
caaagccaag tcaacaagca acgatgtgac tcaaaattca gacccagaac catttcgcaa      300
tgttaargga gagccatttg gagacgatat cattgaaatt ccgagaacgg tgcaagacga      360
tgcgcagttc agcaaccaag ctgccagcat gttcatgcca acaaccaccg gcgatgctgc      420
tgacatgttg gctgggcttg atttcagtct gacatcgttg agtccccttt cagaaatggc      480
acttccatct gttttgccag atgtcaacat tcttccagaa tttttatgcg angaaagnaa      540
ttagcgatga agcntcagca ggagcttcca agaggattaa cgacacattt tgaccgggcc      600
tgatccaanc acattcctnc gatt                                            624


<210> 2043
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 2043
```

```
gacttcagtg gtgattcagc tcactctccc gactcaccac tctctcccgt ctttgcaaac      60
ccataccagc ttcctgtctc caacgactgg ataaattggg acgacaaagc tgcgctatca     120
cctgatctcg acgctcttcc caagcaggaa ccatttgaag gcatcaacct ttctgccatt     180
ccctcaagaa acagcatgga gcttagccca gccatcaacc cacacgacct ctngggtact     240
atccctgatg ccgncccctt tggccgagtc ggtctcaacg acatcgacac tcaacctctt     300
ttccaaactc ccattcctgc catctcttct cagcctcctc atctccagtc cagtatgatg     360
cgtcccaacc cacctcagat gtcttgttct ctcgacagca tcacctccaa ggatgccaac     420
ggtcgatatc cttcgcgcaa gcgcaagtca tcaggctctg ggaagttctt cttctcgttc     480
ttccacctct cctccccccg cgacccgccg gccattgctc tcctcccaag aagaccgcgc     540
cataacatga tcgagaagcg ctaccgcacc aacctcaacg acaagatcgg ctgctctccg     600
aaaggctcgt ccaaacccgt tcgcagtcat gg                                  632


<210> 2044
<211> 533
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G


<400> 2044
ggattctcaa gggcctcttt acagaggtag atatggtacc ctgtacccag aaatgaaggt      60
catgcaagag tacgacccgc aagtcgcata cttccccaaa ctgtccgaaa cccccattgc     120
agagggcacc attttcaaag caccacctct taagaagtca cacttctctt gttatcatgg     180
acataagacg atgaaccgcc ggaccaacag atattaccca ttaacatgtc agacttgcga     240
caggtcagat gttgaagatc gatggacttg cactttctgt catttacgaa tatgcgaacc     300
ctgtgtgaaa aagcttcaca acaacagcaa tgacctccgc tgtatggtta acagcctgca     360
gcttacggca taattctact tacaccaaca ctaccaccac caatttgttt tattagacca     420
ttagtcatct acactttttac agccgtgata tcgccttatc ttatggcctt tcttgtgcta     480
taaagatacc ngatggttgt tgancatgct tntgcaaatg tgaagaatgc gga            533


<210> 2045
<211> 106
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G


<400> 2045
ncggatttna atctcgaccn gngcaaaant acaccaatat ngaacttgna atntgcanca      60
ttcngcactg cnttaaagag ttcncacctt gatgctggca tgaaac                   106


<210> 2046
<211> 835
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(835)
<223> n = A,T,C or G


<400> 2046
agtactcgcc cgtcgcggct gtagaggagt ctaaccgaga agctctccgc gcgacaccaa      60
gagaaaacat tcaagactct ctcaagaaaa agatgcctct tcaaggcact gctgatattc     120
```

```
ccaacggcga gcgggacttt agtggaaaca tcatcaacta tgaggagggt gctgatctca      180
tgagagaacc cgacgccact ggtggtgcat acaagcgttg ggacggtatt caataccatc      240
ctgatgacct caagggcaag ggtgagcctt cttacacata cgagaaggac ctcaaggaac      300
acaagcgcaa ccgtcgtggt ggacccgccg agtacgagct ctctttcaac atgggaacca      360
gccagcgccc agctttnacc cacaaccgaa gcttcagcga gagcccccgc acaacccccg      420
aattctnaaa cgggaccgac attcgtcgca acaactctac aggtcgtcac aaaatgagcg      480
acggtctacg aaaagcgctt tcggaagcat tcgacgcaag aaggcttagc gaaagttgag      540
ttaaaccaac caatgtatct tttcttggtt tatttaagcc ttgggaattg gcggttatng      600
ggtttattgt attttnggcg gacaggtttt tatgctggga atggaatcat gatgtataca      660
cttgtcaaga cgacatgatg gaatgggtgt tgtatatgta tcggatgaaa gactactgat      720
atgatatttt tttggtaaaa agggtttcgg gaaaagaaag aatgttttat cctgttggtt      780
tgagatctga tagatagaca tgtaaagtnt anaacagctg agttnttcac ttaag           835
```

<210> 2047
<211> 271
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 2047
```
catgaagtca acaccggccc ctccgttgat ggatctcctt tccttagatg agccagctcc      50
gatccccccc aaacaaacca ggaaaacccc acccgcccag cttcttgggc ccctggcgtt      120
tgggagctac tgctacaaac tatcctcaag ctccaaaatc gccctcattc caggaccgta      180
ccctttccca gaactggggt ataaaaacgc ctattttgn tggccaangg aagtgattaa      240
accaaaaaag cacttccgnt acaggngggc c                                     271
```

<210> 2048
<211> 632
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 2048
```
ctgaatatcc tcaattgtaa ttcttcactt accattcacg tggaaccttg acttagtgcg      50
actccatcac actactacaa caaaagccat cttgcatcta cgccaagcat tgcatttaaa      120
ctttacatta agaaacgcat catcgtcaag aagctcagaa aagggttcat tcatctatag      180
ccacaaccaa tctcactcat aaaaactcaa catattcata atggatccca tggctcaaca      240
acaagcccaa ggcgaacagc ctgaactcaa tgcctttggc aagttcactg ctcagttctt      300
gcagtacggc gccaatgcct ccaacaacat ttcaactgca ttcgactcaa tggacacaaa      360
ggcatggata cgtcttatcg tcatcgtcgg cggttacatg cttctccgcc ccttggccct      420
gaagtttatc acgaaagggg gctgttcaga agatggagga cgacgatgcc aatgacaagc      480
gtaaggcca gatctcccct aacaagctgt gcggantggc tgaagaacaa cccgaaatca      540
atgggaagg cgacggtccg gtgctgantg gggcaaaagg tcgtttaagc aaaaaatngt      600
tgaaggaccc ttgaactgag aacgacaaaa aa                                    632
```

<210> 2049
<211> 636
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

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```

<222> (1)...(636)
<223> n = A,T,C or G

<400> 2049
ttttttttatt ctcttttccc acaaacactt gattgacaga ttcaaactac aaaatggtgg      60
tcactactag agcaagctcc cgcggcgcaa gcgtcggacc tgaattcgca ccagaattca     120
ataccgagct acctaccatc ccatcaacgc caacaacacg caagagaagc gccgccaaaa     180
actcttcctc caacggtaca acggcctcgg ccaagaaacg tcgtctatcc gtccaagaac     240
ctaaaaaatg gagtcactct ccctcttcag ccaccatctt ctggctcgcg ttgtctctac     300
cgctcgtggc ttgggatagc ggttatgtcc ttggtcggcc gcataccatg cctggaggtc     360
atcttcagtg gcctttgtac atgccatacg ctctctacgg acaggttgat tatatttatg     420
gttccaaggc tttcgatgcc aagaatgggt ttacgggtgc gcagtcngct atgaatattg     480
cgagaatgat cttgtacttt atgtacttgt ggatgatttg gagacnggct gataaaagtg     540
accaacaaga aggaaaagaa gangaggact ggtagtggaa ngagtggtgc tttggcagtc     600
ctgattggat tcaagcgcaa ctgtcatgac tctgan                             636

<210> 2050
<211> 645
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 2050
atctacatca acaactctac tctacactac actacgctac actacaaacc agatcttttt      60
ctctttacct cactaccttc acaatggatt tcatcaagaa cgctgtcagt ggtaacaagg     120
agggtgcttc cagcagcaac aacaacaacg gcggcgccca gagccaggac tacgtcgaca     180
aggctttctc tgccgtcagc aaaaagtctg gctacaacat ctccgccgat aaccaggaga     240
agatcaccga cgctggtcgc aacatgtacg aaaagcagac tggcaacaag gtcgacccca     300
agatctccaa ctaaggagag aaataacttg taatgagata aatggatgga tgctctcaaa     360
agcgataaag agctagtatg aattaatatg acataattat tgatccacna anaaaaaaaa     420
ccgcaggcga taacgcaagc gcatgaagag cattgcaatc tttaccccg ccaaacaatg     480
gggaccaagt tggcttaaca caacctaccc cagaanagac gtgcgcgact gtgcgatgac     540
tacnccccgn gtggagtgca actgacaact cctcacccca atggcttggc ctatccattg     600
gggctttntg cgccaaactt ctttagagcg gnaggatctt taccc                    645

<210> 2051
<211> 605
<212> DNA
<213> Fusarium venenatum

<400> 2051
ttttcaacct ttttctcttc acatctcaca ctattgaact atccaatccc tatccgcaca      60
attgttatac aaaaacttca agatgcctgc ttcaacttcc tcccaaatgc aaatgccccg     120
tgagccggcc cccgtagcgt ttgctgctga acgaactagc accgaacagc acactaggtg     180
gaaccatcca atccctatcc gcacaattga ccggattctt tcaaacatct cattttctat     240
cagccaaat atgagtttga acggcgagcg tttgagtact gaacgaacta gcacttcgaa     300
cagccgcgac cgattcaacc catgaccatg gaacaacctg aactgagcat gcgaggaggc     360
aagaatggcg acggcggtgc tatctgctgt ggcatttgcg ctggtctatg ttgctttgaa     420
tgcctagact gctgctggta atgtgattcc atgatcaaac acggagagaa tagagtatag     480
ctctggcgtt caggcattaa tattaggagg atttatcaaa gggatatata caatcattgg     540
ctaatgatgt aacgaactat ttacgtctat tcatatctaa taatgactat accacgggaa     600
aaaaa                                                                 605

<210> 2052
<211> 573
<212> DNA

<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 2052
cgactagact cgattatccg atcaatagga acaagacaaa gacactcact cgttcaacct    60
caaccttggg aaaccataac ccacaagagg aaatccttct ttttcgtcct ctcatccacg   120
atttcacccc gcctttctgt caaccatgtc naaccttttc tctggcatca acgctcgttt   180
ccgaagcggt tccggtaagg ctagcagtgg tcctcanaan acccaactgg ttctaccgcc   240
agtcagcctc ctcctccaga gctgccaacc caagggaacc agtctgcagc tagcctggct   300
cccaaggtcc ctcctctgcc cagctcccct tcgttctctc agactattgg catgggacga   360
atctaacggc gccatgggcg gtgacgatct tatctcatcc tatcaccttc ctcgacctct   420
tcctctgtgg ntcaacgccn agtncgccna acacattgtc aagggttact ttatgacatt   480
gagcgcncna actaaaaccg tcgaaaaaag ngaatggatc gctcntcngg ttgttgaaca   540
ctaccgtaat ctctggaant tgtccgtgtt ctg                                573


<210> 2053
<211> 361
<212> DNA
<213> Fusarium venenatum


<400> 2053
gggcaaacag cgccgactcc aacgcccgta gccgctatcg caaccactga atctccaatt    60
cccacccta gtagcagtca agctgactgg actcccgcga ttgatacacg cccacatcgg    120
atggaatcgc aacgaaacac aacgtcttga gcctgtaact atcaatctcc aaagaaaagg    180
aacacgttac gcaaagtcaa ttctgacaaa gttcatcctg actacgcgtg accgtgtcgc    240
ctgtgtccct ctcgagtcgt tgattcgacg tttgacaggt gttgaaggat taaaagttca    300
cctttcagac ttagaactgt ggaattgacc actatactgg gtcgcaatca tgctacaagt    360
c                                                                    361


<210> 2054
<211> 626
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G


<400> 2054
cccagctgtc ccagccgccg tacagaataa accaagccga aatagcacag tttgaattcc    60
acgaaattcg cgatacccaa aattttcaat aatggctttt gacgacgacg ataatcccca   120
tgccttagca caaccagctg ggggtgccaa cggagctgcg acagaagatg ccgacgagga   180
cgcccccgac tacaagctgt tcctgtccat gttcgataaa catggcgtct caagtaaagc   240
tattcgcaag ggcgagaagg attttgagtc gcatggcacc cgtgcgcagg atggtcttct   300
cgaggcgagt cgtcaggtca tggataatgt gcttggttac acgaggatcc atcgcgaaga   360
tgcttgggtt cganggtggt gtttccggac tggtgggctg aaatggagca agctggtgag   420
aagaagggct ctgctgtcca cagaattttc atgattgaca tgancccgna cttggcagaa   480
ggcatcggan gaaccatncn agcaagattg accnttggtn cggcgactt ngtgttnccg    510
gagaggcatt antttgtnaa ggggggccatg ganttntntgg ccaatcgaca ntngaaaaat   600
ctncttatgc ntggtnantt aaaccg                                         626


<210> 2055
<211> 558
<212> DNA
<213> Fusarium venenatum

```
<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 2055
cgacatcgca attcatccct ctctctcttc ctctccctct tttggttcct ctttccctcc      60
aaatttgtgc cgtcctctca ccgacgccga ctttcgtctc ttcttctctc ctcggatatt     120
cactcactct gttcaaaagc tctcgttgct tctgagcaga tgcagtgtcg tctctcttcc     180
ttctcttgag acaatagttt tgggcttcgt cgacactcgt tccggccata ttgctttatt     240
aatactttta cctgctcgct cgtcttcctc tggatattat cctaagccaa gccaagttac     300
gcactgtcgt gatttacgtt tctcgtcgac ctttcgatca ttcactcttg caatcgacaa     360
ccatcatttt gcatcttcag ccttgccaaa acttcctgtt tcgactcggc cgaacatttc     420
aaattcgaat ccatatatac taaatggtgc ttnctggaac gacctttttt aatcaatgga     480
gcrcttcgcc tattcccttg gatacgtcga tncgcttata atctcgatht tatcgggtta     540
tctgataata ctacttca                                                   558


<210> 2056
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 2056
caccgcggtg gacacaacag tggccactac gaagcattcc gacnacagaa cgttcccgcg      60
cccttctcca acccgaatac cttccagcct tcagaagcat tcagcaagac gccnacacct     120
atgggaacac cggtgctcgg cggcggaaca acacacagcc cggccatttc cactcccgat     180
ctcctgtcag gctcgtctgg taattcttca acaccttctc tagattcatt gcctccccca     240
cctaggaatg tccggcagat ctacncggtt cggcgagcct accagcaatc ggcaaaccaa     300
aggatcccga aaccagcagc ctccgttccg tggcagcttc tactaaatct gccatctcca     360
agctcacatc tcccaagcag aacaacagca gctcaaccac gcccaagctc gtgccatcca     420
atgtctcgaa gcgatcaaaa aagcgcaagg naacatcaga caaatngtgg cgtgtcacga     480
caaaaaantc aaggaagcca agacaacgaa gtcttgggca tgcagaaaga atctatcttc     540
tattttacga nctcgaccag gaanacctta ggaaggcgac catcgcgctc tgcg           594


<210> 2057
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 2057
grttaaagag gggagagttg acctttttc tcgacccttg caacaaccct ctagtcctcc       60
tcttatagcc aacccatagt tagcagctgg ctgcgtatcc attccgattg cgaaagcctt     120
ataccaactg cgctcatcgt cgcatgcttc agctgcgact taatcttacg cttaggacat     190
cgatacgct ccttaaaccg actgcgaacg aatccacaca caacgcgaca cgctcaactt     240
atagctttta agcactttat cgatgcgaaa acactcggtt gtattgtcta cggaatcatt     300
accataagat aaaacatatt acatcatggc atcttggtac tccaacctcg tccaaaagac     360
tcttctcaaa tctcttctct ccgccagaac tcttatcagg cgaacaagac ggggataccg     420
aagatgacac acatgtntgc cgcgtctccg tggctattac accgaaaaag gcgcccttтc     480
ctcttggtgc caccagatcc aaggtccact cacaaccgtc agccgtgatg ancccaggg     540
```

```
tcgcgtttgg gtgcccagga                                                      560


<210> 2058
<211> 505
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 2058
ataataaggt gctgttatcg tccatcgagt cttgggagct ttccttttct ctccattctc          60
tccttaaacc tgcgcacact ctttcttctt gggcctccct atacctcttt ttacttgatt         120
t gttccatc aatcgtcaat cgactcacac atcaatcaca atggctcagc aatactccca         180
aagacctaat gtccagaacc agggaatggc agagcaacct ttgcaactgc tcgccctgcg         240
actcttgcat gctcagcact ttctgtccct acattctgtt gggtaaaact gccgaccgta         300
tgagagaccc tacaatgaca aactgccgat acctgcaaca gcgatactct tattttcact         360
gccatccaat gtgttaccgg ctgtggctgg attactccat gatgaancgt ggananatcc         420
gtgagcaatc cgcatcaagg gtatggcatg ancaatgctg cttagttacg gtttcttgct         480
gcncctctcc ancaganaca agtca                                               505


<210> 2059
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 2059
ttttttttatg ttcaacagaa taattcctgc aatgcccagt aaactatctt tgctagagca         60
tgtcattccc tttgcaggtt aggagagcaa gacagcacac catcttctgc gtataataca        120
tgtatcgtca attcttggcc tgtggtatca tctctacagt cccagccatg tcgctaattc        180
cgatatcggn ggtatggcca cttgaagtga tgcgaatcac ctcagtcttc gattctaaca        240
acacaaatcc cactgcacca tctctcacat gagtctctaa ccagtacgtc caatagttcc        300
gtatccttca cccccagtct gcacgttgtc ggaatacaca ccgggcgccg gtccaagtcg        360
caaaacggcc ctcgcgggct tgctctcggc ggtcgaaagt aaatgtactc aagatagaag        420
gcgtggatgt gaccaggga tgtacccang atggtcangc aaatgttgat gaacagatcc        480
attccncatc ccgagattgc ccataccccg antgggaggg aagaaanaga gtnatgagga        540
taanaaaaac ntcccgant                                                    559


<210> 2060
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2060
gtcggcgaag ctcccagtcc agctcctgag gtcggaaccc aggatgcgac agttggaagt         60
gccgctgccg ctgccactca ggctccctac accaagtggt acaacgtcca tgagcgtcac        120
tccatctccg agttcaggat ggagggcctc atcctcctcg tctcaagttt catcttcttg        180
ttccacatga tcggcgctcg tcgtaaccgc tctanagcca agggctggat gcgtgctcac        240
```

- 791 -

```
gctcccatta tccagaagga gtacgctctc gtcggcttcg gnggtgttcc cacagtgaac        300
aacgagaatc tcaacaccga caccctnatc aaggagaaag ccctnttgaa ttcgctacta        360
cgctacgggc gcaaaacacg gttttaccga tgtcaactca ctctgacaan aagtcaatnc        420
cattgncaac tgtttgagcc ctcgccggnt ttttngtcga gtntgttgcc cnccaaggat        480
gtcctgaggc ctgacctacc cctcgatgga aggaaagttt actgtccttt nttcccgggg        540
tggggtcgaa ggaaanaaaa cnctacatgg tttnttgggg ntntcaaagg attatgcccc        600
ntcctgaaaa anaaaaantt tttnttn                                            627
```

<210> 2061
<211> 635
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 2061
```
caacaacctc aaaaccttgc tccattgcta attcgcacga cgtcgctaca gcatcaaatn         60
acgaccatt cggcgactaa tcacacacgt tctttgntna attgcnacaa gtctnttgct        120
cacgcnacgc gcattactct ccatatattt tattacttaa caacgcgttt ttgactggaa        180
gctttgcatt caatcccact tcgnggggaa ttcttcctcc acccaaagct atctcaacat        240
attcaaaccg ccctcacgac tgcgcagcgc ttnactatgc ccggngaagt cagccttaac        300
acgcccctgg cggaggctct caatgctgcc attcaaccca agctcgtcga ggttggatgg        360
ggaactggcg gtgccgatga ttccgctcta acagagtata ttgcctcatg ctggttaatg        420
gaaagaccca agatcagatt gccgcagaac tctngggaga cctacttggt ctnggatccg        480
acgaccccac cacccgngat ttttctcagn ggctggtcna acagatcgac gctnttaaca        540
cccaagtcaa cgggggnaac aacgcaggcc ccggagcaaa ccaaaaaccc tgcaacaaaa        600
ggngagatgg atnccnacat gaaaggcagg cgatt                                   635
```

<210> 2062
<211> 251
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 2062
```
ntttcatnaa accctcncag gnaagaccan ccccttggng gcgagtactg gacactntga         60
caattttaag tccaaatccn cgacaaggaa gggtttnttt ttacaaaaac taatgatttt        120
ngtttggann accttgagga tggacgcncc ttttctatnc aaataccaaa ngngtcaacc        180
ttttttttt cnccccctt tggggggngg gaaaaatttt nnaaaacctt ccagggaaaa        240
anatcccctt g                                                            251
```

<210> 2063
<211> 660
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = A,T,C or G

<400> 2063
```
nacagctgcg ttgactatcc ggtctacgga catacagngt tntttatgac ncttctgaca         60
```

```
gataattccg cccaaaaacc cttcttcgcc ttgccttgca cacaaaccaa tatctagtag    120
ttcgacttga tgaggtagtc ggcgagaccc tcgacggtag aggtggcgtt accggcgacc    180
tgggcctcgc cggggnggcc gacgacnatg gcctgggtgg tctttgcgac agcgacaccg    240
gaacgacccg atcgaancgt anatacttcg accctcagct cggccataca tatcactctt    300
tccaacgact tctacaacaa acctctactc ccaatatgaa gctgaacatt ctccttgccg    360
ctgctctggt tgctgtccct gccatggctg cctcaagcac cacagagaca cacaccgaaa    420
aacagacatc taccgagacc ctcaaggcga gccagaccag tgcttcctcc aagacttcga    480
aggcggctgc tgctcccact atggttgttg atatgatggg cgttgctggt gtcgcaggtg    540
tccttgctgc tatggctctt taattgactg tctggagcat gtaccatgat cttagcgaga    600
gcagtttacc acaacccctt caattctata taataaatct ttcttgactt tataaaaann    660


<210> 2064
<211> 594
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G


<400> 2064
gttgcttcac ttgcctttct tctttctcaa cgacgatctc tgaatctgaa ctgcttcata     60
ctcttcctcg ccaatacaac atttcttcct acacaccgag gaatatgata ttgtcgccta    120
aagaatacga tttcctttta ctctgattgc cttatttcgt ttatacgcct attcactcta    180
tctacctccc ctcccccacc aaaagtgaca aaccgcgccc gctgctcgcc aaaagactcc    240
ccgccattct atcgttgctt ctcagtcgcc cgatttcgtg ccccacgacg agccgttgcg    300
agcacgacag cgaaaacctc actttttcga ccctcgcgaa tgcgaatttg atcgatccgg    360
cctgcgatgg ttattaacga ctccggcgtt agagtctcgc gtcccaacct cgccatgtcc    420
gctacagccc gacaaacgcc gccgctgccg gcatgcacct ccaccaccga cgaatctgcc    480
tcaaccatca ctgtcacaca aagangccaa tttcctcccc aaaganggan aaacccgact    540
cccntntgcg gtactgcact cttcgttccc gatggaaatc tcaagcgacc aaag          594


<210> 2065
<211> 513
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G


<400> 2065
ntggcatgag ncttaacacn cccaatggat ccgatagccg cagtagcacc cctacaccta     60
gtttaggtgg tagcttggcc gacgctctgc tagccaggaa gaacgctatg caaaaggaga    120
aggaagacga cgacgactgg tagccgacat aacgagttta tgcttcacga tgttaacaag    180
gagtcgaaaa acaagaaact tgatggtgta gggcacagga aaattgtctg cacctgcacg    240
cangatatac atatacacac agccgcacta gagcgaggcg gaagaggaga catggcatgt    300
tgcttttttc tgttgtatac aaacaagact gaattgggca acccgaggtg tagaagcagc    360
aaggaattca tggccgagtt tggttttttat tcttgatgct ttggggcaag cgtatgcaaa    420
agcgtcgttc tgaatgactg cangacgggg acattcatat acataaccan gacattacaa    480
attcttagaa ggaataaatg ctttttttgat tcn                                513


<210> 2066
<211> 357
<212> DNA
<213> Fusarium venenatum


<400> 2066
```

```
ctgttaatag tctcaagcca ttctcgctca ccgagaccaa tgaaaccaac cttgataccg      60
ttggaggtgg tcatcatatg ggtctttttg gcatggccca ggggcgtgtc gttgccaata     120
tcaaggtcaa tgacattggc gagcagccag gggaacttgt tttgacttga gagatgctca     180
aattgcttga caccaaagtc aaagtcgtgg ttctatagat tgagcctcgt tagttaccat     240
gtcggtcaag gatggcatga cctacacacc cctacgcaag cgcaatcggt cccaacatga     300
tcaaggacag gaaccatgtg ctgacctgtt ccaaatagtc aatataaatt aaatctc        357


<210> 2067
<211> 543
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G


<400> 2067
aggactcaat gcccccatcg cctcctcaag caatcctcac attcaacgag aaggacgcca      60
agaagcaatc gcaacaacaa caagaatcca actcactcta cgaagaggag tactaccttc     120
cacctcgcag tcccgcgagg cttgtgtcgg ccatctcggt ctactaaagc aaggggtttt     180
actctgactc tgcgtcttat gaatgaattg tgatttcttt agcgacttgt tttatacaca     240
aagcgatatg gcggcattac acttggcgtt ttttgttata caaagggata ccacaacggg     300
attttgggat acagcaaaaa aaagcctttt tttttttttt atcatattta aaggatncac     360
ttttacngat tttcaccctc tccctattga aggaataaag aaagacagaa ttgtccaggc     420
aatgaggaat tggatcacat catgggtang ngccgttcca ctaaaaggtg agtggcaccc     480
gatcagatag atagttcaaa aacagacttt taattaagtc ttaaaaccaa tggttaaacc     540
ttc                                                                   543


<210> 2068
<211> 411
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G


<400> 2068
cgccaccatc tttgaaacgt atatcctccc cactgcgaaa gtgactgccc acccagccat      60
gtccacaaca tcatgtctct gcttcttctg atctagagcc tcctgtgcac tgatacctaa     120
tgcaaagcca cgcacgccct cgcgatcgac ccgtagccat cctttccagt tcgctgagat     180
atcaccagat cccaaaccgc ctacgacgat agttccccac cactcacgtc cagcgcttgc     240
gcgaagctac gtcgccgtaa agaaggatcc cttctgcttc ggctacaagg gtacgtgtat     300
gttctggatc gtttcgagcg ggcctttgaa cgtaaacgtg tcgcatatga gatggcgaac     360
aatgcaaccn ggtggcntcg aancgacctt ctatgtcgat aatgagaata c             411


<210> 2069
<211> 457
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G


<400> 2069
naaggaacca caggaaaaca actcctcaag aaccttcagg gtttggctca gaagagacca      60
```

```
cgcgacattg gtcttgccct gactatcata caaatacagc ttaatgacgg tcacgtcggt    120
tcancattat cgattctnga gtctttcctt cagcgacttg aaaaggccga aaatgtagaa    180
gcactgaacg cccggtttag cccaggccta gttgccctga ccgtgactct tntgcgcgta    240
cagggtcgag agtcatnatc aaaggccgaa ctcgtcaagg ctgcgacaca ttggcagttc    300
cggcaggcga gcccggccag ctctnttcta gaggaggctg gcattgagtt aatgaagtca    360
ttcaacgaca aggacttgca acttgctggc gcttcatttc agaactaatc gacgagcaag    420
aagggctcag atattgncac ancccgggct tgttgca                             457


<210> 2070
<211> 589
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(589)
<223> n = A,T,C or G


<400> 2070
ggaagcttac caaggatttc caggatcgat tcataattgc ttattctaag aacgagctgc     60
cggaaatcga ttttgaggac cctatggact atgactggta cagtttgatt gactggacac    120
tcgagctgcc gcgacgaaga ggcattgatc ttccagtaac gaggggtgcc ctggaaaatg    180
actttacctt tcaggacgtc actccccatg atgaagaaga ccccgagag aaattctaca     240
accctcagac atctgttttc gctcgctttg aggccgtcgc tactccatct gttgttgttg    300
tcgaaaagat gctcagtgga cccagtgttg agcacatcga aatcactgaa aatgacattg    360
ccaggtcttg ggtacgatcc ttgtgctgca cagatganan ccgttacacg gttgagcaga    420
tcaagcagaa ntctctacct tggcaggtgg tgaccaggac aagatcnact tattactgaa    480
ggaagccatc gatgctctga cacagcagcg catcatctgt aaaancaaac ggncgccgct    540
ttctgggaga ctttcanact ccacgancaa nttggacatg tgctttcga                589


<210> 2071
<211> 721
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G


<400> 2071
cagcgtgcaa acgatgctga gcaaaaggtg gccctcctgc tggaccaggt tgagcattct     60
gtcgataatt accgtcggcg tagccggcaa gtgcccagtg tgaattctga agtggctgnc    120
ggtgccaatg gcctgggctt agggcattcg agacaggaga gctccgaagg cgagagtgtc    180
tatggaagta caaacggaaa cgggaatgga aatggaaacg gaaacggaaa cggggggtctg   240
gaagctagaa acagcgcacc cttggacaag ccttgccaac gagcttgaaa cccttcggag    300
ccagtgggag gcaccaacaa gactatcgat tgagcaccaa ctttgacttc gatggatcct    360
nttgcgccaa gaangaaagc gatactgctg ttggcgtcgg cctcagcgag agtcttgcgg    420
attggcgcaa gagnttgaca cggaggaaaa ccacaatgac ngggacaagc cttcgacaca    480
cataatcgca agtaattnct ggataccgat acccttt?at gacacaaata tcccacccta    540
ttcgtttgat ttatggtcga tggtcaatgt ctgtacatnc cgatcttcgc naaaggtgga    600
atggagtttt antttgtctt taagggacac tnttgtcant tttcgcgtng gggcnttttt    660
tntttntttc cacttttcg acgtattcca attttntgna actaattttt tttgaanaag      720
g                                                                    721


<210> 2072
<211> 624
<212> DNA
<213> Fusarium venenatum
```

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 2072
cgccccgtcg tctgtctaat ctcaacctcg tttctagggc acgaagctac cctgatcaaa   60
ctcctcctta ttgcaccaga gttctacctg ttcaacacgc agtcaccgtt ttcgaacgct   120
cctccaccac aggtccaagt tcgaacgtca tactcaacct aaccaccaaa ctcatccacc   180
agcccgccat catgtctacc gccaacacca acaccaacgt gggacgctgc cgttaatgac   240
gtcgccaaca ctcttgagca atacctccat caagcaacaa gcctgccgat gacaagactg   300
ccgccaacga ggccgcttca gccagcgctg ctgagggtcg cccgcctcta tattggcaac   360
ctgcctatgc gacaactgag ggggagttga aggacttctt caaagagcta ccttgtcgag   420
tctgtctcga tccctaagaa ccctcgcacc gaccgcctgt cggctacgcc ttcgtcgacc   480
tttccactcc cactgaggcc gagcgtgcca ttgaggagct tntctggaaa gagatcttga   540
gggcaaggtn ttcgttcaac tcgnttncaa gcctgagccg ttgngagaag taaaaggngc   600
tnacggngat ggntttggng ctga   624

<210> 2073
<211> 649
<212> DNA
<213> Fusarium venenatum

<400> 2073
gatagactta ggagaacagg tttcttggca ttaccatgac ttctcacgct ggtctacaga   60
atgtcctgaa ttttcgtgat gtcggtaaga cggtcaatga tttcttgggt acaagacgaa   120
ttcgtgaggg cttgttctac cgttcagcaa gaccagatga tgccaccctt tcagacagac   180
aacttatcag ggatggtctt ggcgtcaaga ccatcattga cctaagaacc aaaactgaac   240
acctcaacca agccaagaga cgcaaagagc aatccagtat tcctgcactc gtcaagtcta   300
atgaagctct tgctgagcca ctccaaatct ctggtctgaa ctatcgagac gtcaaaatca   360
caggccgccc gttcgagctg tttcttctga gtcagttatc atggtgggat ttttttcgcg   420
ttgtttttct ctttctatgt ggctatcgta ctgaagccat aaatatcatc ggagagaaag   480
ttatgatccc acgtgggctt gtaggactgg ggtttagata cgctcgacca gtccaccaag   540
gagattcacg aagccttgtc tctctatgct gccccatcaa gctctccctt ccattgttca   600
attgcaccca agggaaagaa cgaacaggcc tcatctgtgc tttggtgcc   649

<210> 2074
<211> 566
<212> DNA
<213> Fusarium venenatum

<400> 2074
ctcttacaat cggctagcca gcatgtcgac taccactact acagagacac aggcacaacg   60
cactgtcccg atcagccttc aagcaaacaa atatccagag cctttaaagg cttcggggc   120
acttgacaag ttcaactttg aagagtccac gcccgtcatc ggacgtgaat accctactgt   180
caaccttgtt gacgatatta tcaatgcaaa gaatgcagat gaactgatcc gtgatcttgc   240
cattaccatt tccgaaagag gagtcgtctt cttccgtgcc caagataatc tcacggatga   300
cctccacaag gaacttgtcc accgtcttgg ccaactcacc aacaagccgt cagaatcaag   360
ccttcacatt caccctcttc taaacggcag caatgagttt ggtgtagaag ataatgaaat   420
cagcgtcatc tcatccaat ctcacttctt ccatgacaaa aaagacagag atgaccgcaa   480
gcaaggcgct gccagctggc acaagcgata ttcagtttga ggagtcccag cggactacac   540
gagtctgcga ctaactaccc tttcat   566

<210> 2075
<211> 435
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature

<222> (1)...(435)
<223> n = A,T,C or G

<400> 2075
ccttgttaac tttgcaaaca aaccgatcga tacagagaaa ctttccttgc aatctccttt   60
aacaggtttt ccaagagcga gccgcctgtg cacggnttca tctaaatgat cccccttacc   120
ggtacggaag agccaaggtc gaatcgggct ggcccaactt taggagatcg tnangggtcc   180
cctacctgag tacgagacat ccataataat ttacgatgcg ctagtttgtc tagttccagn   240
cgcccanaga attggacgac agtttcaatg caaacgaagg acacctatca gctattctga   300
tcaggactat cccgattcat caatgcgttc ggcgttgatt atggaccana aacattcagg   360
aacaggccgg ctcttgatgc ctgttgaaat cgcactactc atttctctta cctggcattc   420
tcgacatatt tcagg   435

<210> 2076
<211> 950
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(950)
<223> n = A,T,C or G

<400> 2076
gtgcgagcac gcaacgtctt acgccatttg tcacgccctt tgacaaaaaa gacacatcat   60
ctaatcttca tcttccatct aaccaagtac atacctcttc tcttataagt taatcgtcgt   120
ttaacttatc agcgatgagg tatgtccttt gttagctgga agatgaagct ggggtgatct   180
cccagcttct atttcgcaga ataaacactt tcccatttct tcagcgccta gtaccgtcaa   240
gaccgcgcc cacacatccc ggaatcactt tgtccgcgca acagccaaac gtcaagccca   300
gcacaaaggc gcgaacctat gcctcgacac tggactaccg tgtacaacat cgaactgggg   360
tgaagccact tgccatcgct gtggtcaaca agatactact accgcttccg cgcgccgtcc   420
tcagctcgaa aagatcctac attttgagat ctcgacaggg aatctgcagc gcgcgaatcc   480
acgatggaca cacgtccacc gtaatcgcac cgcccggaat cacgcccatt ctaacggact   540
gggtggttcc gatgagctag aggggagaga cctagcgaga agcaaggtcc ctctccctag   600
cgaccgatat cgtctcgtca gaaggcctac acttgaaaga gaggaagcgt ttcgggacgc   660
ttccacggct agagggaatg tctatctggg ccgaaagatg cccatgacag aagatgacca   720
agttgctgag ctgtatcgca tgggtttgct gtacgacgat gagcaggttc gcggagaggg   780
cttcaacctt gatagcatca accaccaaga acccatctac tccatccgca ccgccaaacc   840
aacccgnaaa tccaagcgct cccaaagttt cagcttcaac cagcctctac atctagacct   900
ctnttttacc gattngggcg gngatcaaac catcgctcaa ctcctctcct   950

<210> 2077
<211> 588
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 2077
aaatctctga agcgtcccag cctcttgctc tgtgattcag ctgctgtact gtctcgtctc   60
atctcgctac ttaacttcag cctccccgac aatctcaaaa ataatgctca agttgtcttg   120
tactgccct cttccactct gctctcaact gtgtttccac tacaaactgc catcatgacg   180
ggcgctgtcg ctacccctcg gtacagcaac gacaacttcg aaacagcttc ggttcgttca   240
gctgctccat cttatgtctc agaagctccc tcttaccact caacaaaccc gtttcccgag   300
aacttgcctt catacacccc tccagctcga aaccatgcgg ttgtgagaag ctccatgatt   360
ccttccagca gcggcacatc cactcccact gcgcgccaac agactatcgg cctgcctcca   420
gtgcccgcgg cccctttgcg atcccagccg aatttgaaca actttcgtat tgcgacgtgg   480

```
tcatctgtat ccaagcaatc ccgccgcccg acactaccag aacgtngcca acngaagatt      540
gacagcacag cgtgatccgn tagacagcct tcgtcgcgtt atgactga                   588


<210> 2078
<211> 637
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 2078
gntcaacaac ctaatttatt cttcactact ctcttttcaa gacaaacact cccaaatcat       60
caacatgcag ttctccgtca tcgctctcct cgccgttgcg actggtgctc ttgctgctcc      120
cggcggacct tccaagccca acaagcccaa caagccccac aagccctctc ctccaacgt       180
caacgtccag agctgctaca atgatcaggc tctctactgc tgtaacagcg atggtcatgg      240
cgcagaggtc aagtgcgagt ctttctccaa cggtggagtt ggcggcatct gcaccggtat      300
ccagatgtgc tgcaacaaca acgaaggtgc tcagggctgc agctttgccg tcggtggtgg      360
catcatcgtc gtcggtgacg gcaagggttg gtaaatggtc aactcaaaag acgaggtcga      420
tcatcgcatc ctctgggacc ggggtggcta gcggataaat aacttacatc gacattcacn      480
ggtcttcacn ggcaccatgg tcagacagan gttcagattg atatgangat tggatgacgg      540
atgattatct tttttggttt ngtaggggat ggctntcgcc atttaacctt aaccataanc      600
acccacttta tttaatagct tttatcaagg tggatta                              637


<210> 2079
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

<400> 2079
caacttacta tgcctctgcc gcctaagcaa gccaaaagca agcctaccaa caagacccca       60
gcccagccag cttggagccc cggacctcgt ggtattgacc ctaccgtttc ggttgctgca      120
gcggccatgg aaaacattaa acgacgagcc ggaaacgaga agctttgcaa caatcattat      180
cttcgtggac cgtgcggtag aatggacatt tgcccctttg tccataatta caaggccacc      240
caagacgact tactcgcgct tgcaatgctg tcacgtcaga atccttgcac agctggtcaa      300
gaatgcgatg tagatgattg tatttatggc catcattgcc ccaatgtcgt taatggcatg      360
tgtacacgac agtattgcag attctcgaga gatgcacatc cgccaaacac caaatttatc      420
aacaagaaca tcgatgttaa ctagaggatc cgaaccttca ctggctgtcg tctcgaacaa      480
ctngcaatat aactagaaag gattagggat aggagttaag agaatcaggg ctttgggact      540
gttttggaac gggatgtgtc aaagacgata aattgaaagc ttnatcttgn ttngaaacaa      600
tgctggtngc gctcactgag gnggng                                          626


<210> 2080
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2080
```

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```
acgagtctct ccagggttct ttcatccgac ggcccatctc atctcctctc aactcttcgc    60
ccctcacgtt tccacatcgt cgttgcctct gacctgcgaa ccctcttgac cccggtttgt   120
catcaggctt gttttcttc ctgattcgat acgactcaac ttttcgagt ctatccatac     180
gtcctcgacc gaacacgatt gcttcttgag cttaaatcct tgacaagagc tctatttctt    240
ttaacgtttt cacgcatttg tttgccctgt tcctgcgata cagagagccc gccgattgcg    300
cactcgatct aattttcgct ctcccgtcac actcgccatc tcaatcttca catcacaaca    360
gccatcatgg cctccaacgc tcccactacc tccgccgccg atggctctac taccgccgcc    420
gcttccgcca acagcaactt gtccaaggat gaggttggct ggtactttgt cgagcaatac    480
tacaacacct tgagcaagtc acctgagaaa ctccaactct tctaaggcaa gcgctcgcaa    540
ttcgtccaag gncaaagaag gcgaggtcgc caacgtctct gttggtcgac aagcttatcc    600
aaagaacgaa tcaaggagct cga                                           623


<210> 2081
<211> 453
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G


<400> 2081
aagaaaagga tggagcggag gcggtctgga cgatctcctg gagaggggac aggatttatt    60
tgcaaccgag gaagacagcg caaacatggg cagcggtggc ggcggcgaca caccaaagct   120
cttttcgatc ctcccgccca agagcatact tgccgataca gggtcagaac tatccaggag    180
ccacgctaga ggtgacagtc tcctgatgga tacagaacgc taccaatcac ttgctgcgct    240
ggcttcagat atgagaccca gtggtggtgg cgacaccgac agcgtcttct cgacagactt    300
taacaaaccg cgtaacgcaa gaccgtctca ccacagctat tcgccgggtc aacagatgt     360
acctatgact cgctagttgg gccgagcaga aggtatagga aacgacgatg atgaattaag    420
tcgatctgaa ttacttntgc tgtggctgaa tca                                453


<210> 2082
<211> 524
<212> DNA
<213> Fusarium venenatum


<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G


<400> 2082
gaactgaaca aatcctcaag cctcgcgcct tttctacctg aggtagactt ccgcccaaca    60
acgtcgaatc caccctgccag agataacgtt ccctaacgaa actgcccacg tncatccatc   120
tatagccgcg tcgcgaattg agtacaatct atacacattc tgctatttcc tttccgacgc    180
ggcccttccg ctgcgccgcg accgcgaccg cgatccacgc cccgtaaacc atctaaatat    240
ggctgctcag ccgtccgcgt cctcgtcaac ggcgccggct acgggcccgg catctgcagc    300
angttcgag aaagatgcat actcatcaac cccccaagc gatataccag tacgcacaaa      360
ggaatcattt gataagctga tggtggagcg tttcatcacc cgtgatgcca tcgccgccgc    420
cgcgctcggt ggtcaactcg accagacccg ttaaataatg agcgacacgc gcgaaaagat    480
ccangaatat cgccaggttc gcacaganta ccgccaatng ttcc                    524


<210> 2083
<211> 416
<212> DNA
<213> Fusarium venenatum


<400> 2083
agccagtcac cgtaccaaga ttaccctggc cagcacccca gtgttgccaa ccttcgtggc    60
```

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```
caggccaacc tttcccctgc taccggtggc ggtcacagca gatcaggcac tgctctgggt    120
ttcagcagtg gctcccgctc tcctatgcct gatgccatgc gatcacagtc atcatttgac    180
ttccagcacg gccagggcgg tcccaccgac atggctatcg ttgagtcaat ccgctctgtt    240
ctctgcgagg ttgatcttga taccgtgacc aagaagcaag tccgcgctct tgtggaacaa    300
cgtctccaga ccgagcttgt tggcgagcgc cgcacgttca tggatcgaca gattgaccat    360
gagctcgaga atatgtgatt tgaatattag agaaatgtgg aaatttgtgt ttttat        416
```

<210> 2084
<211> 508
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 2084
```
tttagacaca accccacgat cgccaacgct ttcaagagtc aaaggatatc catttgaggg     60
gacaggaggc cgcaaatatg ggtaacaaca cgttttcgtc ctccaaaccg accacgccga    120
ctacttcagc tccaggttcg gcccacggtc atnttcatgg ccacnaatct ccccgccatn    180
atctgcgcaa ggatgcccgc aatatnatta ccgggcacac gcatngntct gccgcgccgc    240
cggagccttn tatggcccag gcccagggct caacggtgat caatcggcaa agagtttgcc    300
tcctacggng gtgtctntn ttagcggctc tccacacagc aactttaccg gggngcataa    360
gactgcttnt tcctntgatg ctaaggccat cgccgaaaaa caagngctgc acccctgaat    420
ccaaatcgca ccattgggan naaccgacaa gcccttgacg tncctatgga gttttttttt    480
tacaancaca taaatccccc acgtccac                                       508
```

<210> 2085
<211> 254
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 2085
```
agcaagtcaa ggacaaggct gctgaggcca gcgccactgg tgctgagaag gttaagggtg     60
aggtcaacaa gcgtaccacc cgcagccagt cgtaagggga agacagaaaa gatctaatcg    120
gactgggatt gtattaaagg aatcatacac ttcaaatcgt tcagaggaaa tcaaggagta    180
tgagaagtaa gaagcaagtt gcggaggaaa tattcacaat tgttatgaaa tgaaattttg    240
ttctttttggc gaan                                                     254
```

<210> 2086
<211> 520
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 2086
```
catatagttt atagtagagt caccaagctc ttgttcgagt gcctctatca ggttgtctat     60
ctctttctgg gggcattctt gtctttcttc ttgcatatcc ttgacaacat ggactcttac    120
tttaaccana anacagatac tgggaccagg gtcgaggcga tcgctgttga ctggtcagct    180
agcgttctgt acagtccgat acccttcta atgtgcacct acagggggaaa aggctgctcc    240
```